



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

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FEBRUARY 2018

NPSO Annual Meeting 2018 in Prineville

by Susan Saul

Discover the Ochocos in the heart of Central Oregon at the 2018 NPSO Annual Meeting in Prineville. The meeting will be co-hosted by the Portland and High Desert Chapters on **June 1-3.**

Our 2018 annual meeting botanical landscape will be the Ochoco Mountains, home to giant trees, rare red-band trout, sparkling streams, and one of the best wildflower areas in central Oregon. It is a diverse landscape, with thick stands of California white fir and western larch on north-facing slopes, ponderosa pine forests on south-facing slopes, sagebrush flats on the dry uplands and Big Summit Prairie, a large high meadow well known for wildflowers and butterflies.

Friday, Saturday, and Sunday field trip destinations will be on the Ochoco National Forest, Crooked River National Grassland, Bureau of Land

Management, The Nature Conservancy's Juniper Hills Preserve and Deschutes Land Trust preserves.

Prineville is the gateway to a variety of activities. Come early or linger after the annual meeting to check out hiking and mountain biking trails; fishing the Crooked River, Prineville and Ochoco reservoirs and Walton Lake; geology and paleontology at the John Day Fossil Beds near Mitchell; or botanic explorations on your own. Visit the Wildland Firefighters Monument in Ochoco Creek Park, take the Crooked River Scenic Drive, or immerse yourself in local history at the Bowman Museum in a historic bank building.

Although maintaining its small-town cowboy charm, Prineville also has become a high tech hot spot for some of the industry's biggest names. Facebook and Apple have built data centers in Prineville and are continuing to expand their operations. The town is experiencing a renaissance with more places to dine, a new brew pub, and a choice of lodgings.

A printable registration form will be posted soon on the annual meeting section of the NPSO website (2018.npsoregon.org). A hard copy registration form will be inserted in the March NPSO Bulletin. Deadline for registration is May 1, 2018. Registration is limited to 120 so sign up early!

Registration, programs, dinners, and vendor sales will be held at our annual meeting location at the Meadow Lakes Golf Course, 300 SW Meadow Lakes Drive, on the banks of the Crooked River in Prineville.

Lodging will be on your own. Motel and camping options will be listed on the NPSO website. Reserve early for the best choice of accommodations.

Breakfasts will be on your own; an optional sack lunch on Saturday will be available to pre-order at time of registration.

Schedule Outline

Friday, June 1 - Optional half-day field trips in the afternoon. Six field trips depart at noon and return by 4:30 pm. Registration begins at 4 pm at Meadow Lakes Golf Course. There will be a dinner and speaker. Consider arranging for early check-in at your lodging so you

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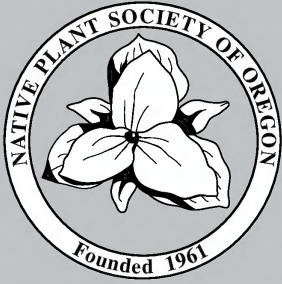


SUSAN SAUL

We chose Brown's peony (Paeonia brownii) as our botanical mascot for the 2018 Annual Meeting. It is a common, even abundant, species in appropriate habitats in the Ochoco Mountains.

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsos

General Business Address and Membership Inquiries

P.O. Box 902
Eugene, OR 97440

Send Membership inquiries Attn:
Margaret Conover, Membership
Chair

To correspond directly with Officers
and Committee Chairs, see the list
on the inside of the back page.

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Opinions expressed in this publica-
tion are those of the authors of the
articles. They do not represent the
opinions of the Native Plant Society
of Oregon, unless so stated.

American Penstemon Society Grants

The purpose of the American Penstemon Society Special Projects Program is to stimulate activities that promote knowledge and appreciation of Penstemons. The Society is particularly interested in funding projects that:

1. Promote conservation of Penstemon species in the wild, especially rare or sensitive ones, through understanding of factors that affect their survival, or
2. Promote appreciation for the diversity and beauty of Penstemons in wild and domestic landscapes, through horticultural research, dissemination of information of interest to gardeners, or the construction or enhancement of educational display gardens.

Deadline for grant proposals is March 15, 2018. Maximum award amount is \$1,000. For more information and instructions for proposal submission, visit penstemons.org/images/Grants/RFP-2018.pdf.

In addition to the program described above, there is a new program for graduate students researching Penstemon-related topics, with a maximum award of \$2,000 and a submission deadline of March 15, 2018. Full details of this program are available at penstemons.org/images/Grants/scholarship_2018.pdf.

Conservation Committee Update

by Billy Don Robinson, Conservation Chair

I want to talk about some specifics and relate this to the two hallmarks of an effective comment, "locality" and "specificity," and how this relates to our NPSO mission. The more a comment is attributable to a local stakeholder, the more effective it is. Local chapters are the best source in any comment. The Portland Chapter already has an active conservation committee and would likely need little assistance, but might. Some chapters are smaller, with fewer resources. This is the type of situation where the state level of NPSO might be able to significantly assist. For example, there might be someone in another chapter willing to help with something they have had experience with. In a sense, NPSO might develop a brain trust built on transferable skills and expertise. In some situations, NPSO members may be limited by job-related prohibitions that could lead to professional censure. Any state level action would need to be fully cognizant of and very sensitive to this fact and take great care not to get anybody in trouble.

I worked with Jason Clinch to submit a comment on a recent forest plan revision. It was nicely specific thanks to Jason. I offer it as an example of what a state level committee could do, but only if a local chapter did not want or was not able to take the lead. By serving in a supporting or coordinating capacity, the state level NPSO Conservation Committee could assist chapters mount effective local and species specific conservation actions whenever and wherever it was deemed necessary.

NPSO Seeks Candidates

Please consider taking the opportunity to serve our Society by running for election to one of the state-wide officer or at-large board of directors positions. Interested persons and people with ideas for potential candidates may contact Dan Luoma by email (daniel.luoma@oregonstate.edu) for more information.

NPSO CALENDAR

State Notes

Native Plant Appreciation Week

April 22-28, Sunday-Saturday

Our annual state-wide celebration of native plants. Details of events will be in the April *Bulletin*.

NPSO Annual Meeting 2018

June 1-3, Friday-Sunday

The next Annual Meeting will be co-hosted by the Portland and High Desert Chapters June 1-3, Friday-Sunday, in Prineville.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@wtechlink.us.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOoregon.org.

Meeting and work party location:

Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Highway 99W and SW Second St.), McMinnville. The library parking lot may be entered from either Adams or Second street.

February 22, Thursday, 7 pm

Program: Beyond Waterfalls. Join Interpretive Ranger Matt Palmquist for an exploration of the flowering plants at Silver Falls State Park. This slide show will feature plants from every corner of the park—from beneath the misty waterfalls to deep forests and open meadows. Later in the spring, Matt will lead the Cheahmill Chapter on a field trip to highlight wildflowers not often seen in the park. Location: McMinnville Public Library, see above for details.

February 24, March 24, Saturdays, 10-noon

Work Party: Native Plant Garden.

Work around the Carnegie Building with a congenial crew to maintain the beauty of this demonstration garden. Bring gloves, bucket, and gardening tools if you have them. Location: McMinnville Public Library, see above for details. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. A sample waiver form is available at http://npsoregon.org/documents/NPSO_waiver.pdf. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12. A trip leader checklist and sample waiver form are available at: <http://npsoregon.org/calendar.html>

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter email list, contact co_president@NPSOoregon.org.

February 12, Monday, 7:30 pm

Program: Oregon Season Tracker.

Jody Einerson, natural resource educator for the OSU Extension Service of Benton County, will introduce Oregon Season Tracker, a citizen science program that tracks wildlife life cycles in Oregon. Learn how you can participate. Location: Room 2087 Cordley Hall, 2701 SW Campus Way, OSU. For information, contact: judi.sanders@gmail.com or susannicholasnps@gmail.com.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists & botanical information about Lane County plants & the people who love them.

Meeting location: The venue for programs this season is the Amazon Community Center at 2700 Hilyard St. in Eugene. Go to the M.L.I. Room in Building "C."

February 17, Saturday, 10 am-noon

Field Trip: Exploring Winter

Branches. Ever wonder what plants you're looking at in winter? Botanist Gail Baker leads this tour where we'll examine and learn to identify trees and shrubs at the Mt. Pisgah Arboretum in their winter stages. The two hour walk along the river and into the woods will provide a diversity of branches and bud patterns. If possible, bring a hand lens and *Winter Twigs* by H. Gilkey and P. Packard. Identification handouts will be provided. Location: meet at the Mt. Pisgah Arboretum Visitor Center, 34901 Frank Parrish Rd. Directions: In south Eugene turn east off I-5 at 30th Ave. and follow Seavey Loop to the park. For more information call 541-747-3817.

February 17, Saturday, 6:30 pm

Program: Book Reading. Evelyn Hess will read from and discuss her books. *To the Woods* follows seasonal activities and revelations during the fifteen years that she and her husband, David, camped on their wooded property in the foothills southwest of Eugene. *Building a Better Nest* looks for ways to live harmoniously with the ecosystem, fellow human beings, and the biosphere. Hess wants to involve us in a discussion of how native plants and ecosystems respond to climate change. Location: M.L.I. Room in Building "C" at the Amazon Community Center, 2700 Hilyard St in Eugene. For more information call 541-954-5334.

Filipendula

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, colecarla@yahoo.com.

February 24, Saturday, 7 pm

Field Trip: Lichen Night Hike. Many secondary compounds in fungi and lichens fluoresce distinctive colors under ultraviolet light. We will be using UV flashlights and wearing safety glasses to look at local species on one of the main trails at Lewis & Clark National Historic Park. Raingear highly recommended. Limit 12 people. Location: Meet in front of the Fort Clatsop visitor center by the main parking lot. Contact leader Carla Cole, colecarla@yahoo.com, for more information.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, kb_president@NPSOregon.org.

February 5, Monday, 6:30 pm

Program: Ethnobotany of the

Klamath Basin. Erin Rentz, botanist for the Fremont-Winema National Forest, will examine how native peoples used plants for food, medicine, tools and as part of their regalia. Location: Klamath County Museum, 1451 Main St., Klamath Falls.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

February 15, Thursday, 7 pm

Program/Meeting: Flora of Australia. Sara Wu will share pictures from her recent trip to Australia, focusing especially on the flora. Location: Room 1.354, Columbia Gorge Community College, The Dalles.

Portland

If you would like to receive the chapter's semi-official email newsletter, The Calochortus, email Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7:00 pm. **MEETING PLACE: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., Portland.** We will meet in **Copeland Commons**; enter the church through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

February 8, Thursday, 7 pm

Program: A Brief Tour through the Geology & Endemic Botany of the Siskiyou Range. A hotspot of diversity for rare plants, butterflies, and birds, the Klamath-Siskiyou region of southern Oregon is a transverse range running from the Cascades range to the Pacific Ocean. Speaker Mark Madsen's love of biology while living in the area for 15 years sparked an interest in the

taxonomy of this world of serpentine soils and its plant communities, including remnant species from the last ice age. Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St, see above for details.

March 8, Thursday, 7 pm

Program: Exploring the Natural History of Hawaii. Join us for an overview of this island chain's rapid evolution in isolation, which provides a natural lab for evolutionary ecology of flora and fauna. Speaker Dr. Frank Howarth, medical entomologist, while on the staff of the Bishop Museum in Honolulu, researched the native lobelias and tarweeds that adapted to unique environments as well as the fauna of caves and lava tubes. Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St, see above for details.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2018, make a suggestion, or provide feedback regarding the field trip program, please contact Julie Spelletich at: jspelletich@gmail.com. Join us on Facebook at: [facebook.com/SiskiyouChapterNativePlantSocietyOfOregon](https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon).

February 15, Thursday, 6:30 pm

Talk: An Introduction to the Rogue Native Plant Partnership. Ecological restoration is crucial for mitigating losses to plant and animal diversity on a global scale, yet the need for genetically appropriate native plants is often unmet. Regional native plant cooperatives are an emerging tool for meeting this demand. Kathryn Prive, coordinator for the Rogue Native Plant Partnership, will provide an introduction of the newly formed Partnership and what is being done in this region to provide native plants for local restoration projects and members of the public. A special tour of the SOU Herbarium will be at 6:30 pm for those who are interested. Refreshments at 6:45, meeting and program at 7:00. Location: Southern Oregon University Science Building, Room

161. Free and open to the public. For information contact Alexis at alexis.brickner@gmail.com or 860-878-2049.

Umpqua Valley

Visit umpquavalleynativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-459-2821.

Willamette Valley

For program information, contact John Savage at 503-779-5414.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Susan Geer at 541-963-0477 or Emelie Montgomery-Jones at 541-963-3339 for updates and general information. Chapter notices and communications are done primarily through a Google group. Members are reminded to contact Susan or Emelie if they want to be added to the Google group, or if they do not have internet access and want to be contacted by phone for events.

IT'S STILL RENEWAL TIME!

The NPSO membership year is January to December.

If you haven't already renewed for 2018, check your address label on this *Bulletin*. If you see 2017 printed along the top of the label, you need to renew. Your membership will lapse if you do not send in your dues soon. Renew now to make sure you don't miss receiving NPSO communications. NPSO brings you field trips, programs, classes, and the *Bulletin*.

You can renew online at npsoregon.org/online.html

OTHER EVENTS

The Nature Conservancy and Friends of Buford Park & Mt. Pisgah

February 24, Saturday, 9 am-noon

Field Trip: Willamette Confluence Preserve Tour. This preserve features extensive habitats that are endangered in the Willamette Valley and includes six miles of river corridor, floodplain forest, wetlands, upland oak woodlands, and native prairie. During this mostly flat walking tour of 3-4 miles, volunteer docents will highlight the conservation efforts, human history, and natural wonders. Please, no pets. Free; preregistration required at bufordpark.org/tours. For more information, contact: outreach@bufordpark.org or 541-344-8350.

Oregon Department of Agriculture

March 7, Wednesday, 8 am-4:30 pm

Workshop: ODA Noxious Weed Forum 2018. This free one day forum will provide education, discussion, and networking opportunities for groups and individuals working on controlling

two aquatic weeds: water primrose and yellow floating heart. The forum will feature presentations on ecology, impacts, and control approaches followed by Q&A and discussion with the speaker panel. Location: Oregon Department of Fish & Wildlife, 4034 Fairview Industrial Dr. S.E., Salem. For more information and to register, visit eventbrite.com/e/oda-noxious-weed-forum-water-primrose-yellow-floating-heart-registration-41853783794.

University of Washington

March 21, Wednesday, 9 am-6 pm

Conference: 2018 Washington Botanical Symposium. Co-hosted by the University of Washington Botanic Gardens and Herbarium. Invited speakers and poster presentations will share new insights and discoveries. Participants will have the opportunity to exchange ideas with colleagues within and across disciplines. Cost: \$85 in person, \$70 remote. Student scholarships available. Location: UW Botanic Gardens Center for Urban Horticulture, NHS Hall, 3501 NE 41st St., Seattle. For more information and to register, visit botanicgardens.uw.edu/education/adults/conferences-symposia/wa-botanical-symposium.



Plan Now for Native Plant Appreciation Week

Though the weather outside is frightful, the arrival of spring will be so delightful. While dreaming of spring, it's never too early to start planning for Native Plant Appreciation Week, which takes place April 22-28, 2018. This is the largest coordinated public outreach event for the Native Plant Society of Oregon and an excellent opportunity for society chapters throughout the state to sponsor workshops, hikes, plant sales, etc. and help increase their chapter's visibility and membership. We all get much busier as the weather improves so now is the time to plan. Be sure to post your activities in the NPSO *Bulletin* and let the NPAW Committee know about them as well. Email any information to Judi Sanders at judi.sanders@gmail.com.

NATIVE PLANT SALES

East Multnomah Soil & Water Conservation District

February 17, Saturday, 10 am-3 pm

Order ahead! Our annual, bare-root native plant sale offers over 40 species of native trees and shrubs. At just \$3 each, it is a great way to fill your yard with inexpensive, beautiful, climate appropriate plants. Location: EMSWCD Office, 5211 N Williams Ave., Portland. For more information and to pre-order, visit emswcd.org/workshops-and-events/native-plant-sale.

Benton Soil and Water Conservation District

February 24, Saturday, 9 am-2 pm

We will no longer be accepting pre-orders, but will have over 100 species of beautiful native plants for your gardening pleasure and restoration projects. There will be bare root and potted plants, seeds, books, and other useful planting supplies! This year we are focusing on plants that are suitable for meadowscaping—bringing prairie habitat to your home. Location: Benton County Fairgrounds, 110 SW 53rd St., Corvallis. For more information, visit bentonswcd.org/programs/plant-sale.

Yamhill Soil & Water Conservation District

March 2, Friday 9 am-6 pm

March 3, Saturday, 9 am-4 pm
Order ahead! Great Selection. Low Prices. Good Quality. You will enjoy our amazing collection of over 50 species of native trees, shrubs, and understory plants. Bare root and container plants available. Order ahead, limited availability on days of sale. Proceeds benefit Miller Woods. Location: Yamhill Valley Heritage Center, 11275 SW Durham Lane, McMinnville. For more information

and to pre-order plants, visit yamhillswcd.org/event/2018-native-plant-sale or call 503-472-6403.

Marion Soil & Water Conservation District

March 10, Saturday, 9 am-4 pm

Details TBA. Location: Bauman Farms, 12989 Howell Prairie Rd., Gervais. For more information, visit marionswcd.net/nps18.

Washington County Small Woodlands Association

March 10, Saturday, 9 am-3 pm

Native plants love to be planted in March! Besides being beautiful, native plants are adapted to local water, soil and climate conditions. Birds, bees and other native animals and insects thrive where native plants are available. All profits fund college scholarships. Location: Oregon National Guard Armory, 848 NE 28th Ave, Hillsboro. For more information, visit new.wcswa.com/wordpress/calendar.

Friends of Baltimore Woods

March 31, Saturday, 9 am-3 pm

Details TBA. Location: St Johns Plaza, Portland. For more information, visit friendsofbaltimorewoods.org.

Hood River Soil & Water Conservation District

April 6-7, Friday-Saturday

Order ahead! Native plants require less water, soil amendments, or any other inputs to maintain because they are adapted to living in our unique climate and soils. So planting with natives keeps your yard looking great for less time and money. Location: OSU Experiment Station Cold Storage Building, 3005 Experiment Station Drive, off Tucker Road just east of Excavator Rental Services (formerly

Your Rental Center) in Hood River. For more information and to pre-order, visit hooddriverswcd.org/projects/plants.

Skyline Ridge Neighbors

April 6-7, Friday-Saturday, 9:30 am-2 pm

This sale includes bareroot fruit-bearing, shade, and ornamental trees and shrubs, and over 85 species of Pacific Northwest native plants. Location: Skyline Grange Hall, 11275 NW Skyline Blvd, Portland. For more information, visit srnpdx.org.

Scappoose Bay Watershed Council

April 14, Saturday, 9 am-3 pm

No pre-orders. Many young native plants, at great prices, ready for your landscape! We will be available to help choose plants, suggest gardening ideas, and provide information on establishing and maintaining native vegetation. Location: our nursery, behind Scappoose High School, 33700 SE High School Way Scappoose. Look for signs as you go east on SE High School Way and turn into the parking lot between the school and the school field areas. For more information, including a plant list, visit, scappoosebay-wc.org/native-plant-nursery.



Annual Meeting, *cont'd*

don't need to bring luggage on field trips.

Saturday, June 2 - All-day field trips will be from 8:30 am to 4:30 pm, followed by dinner, NPSO elections, and a speaker.

Sunday, June 3 - NPSO State Board Meeting. Botanical explorations on your own are encouraged. A limited number of optional part-day field trips will depart at 9 am and should be done by 2 pm. Consider arranging for late departure at your lodging so you don't need to bring luggage on field trips.

New NPSO Members

Please welcome these new members who joined NPSO between July 10, 2017 and January 11, 2018.

Corvallis

Susan & Tim Cowles
Andre Hahn
Barry Wulff

Emerald

Christina Bentrup
Vicki Philben
Jennifer Wald

High Desert

Rushing River Botanicals

Klamath Basin

Franklin Hopkins

Members At Large

Roger Anderson
Anne Bradley
Janet Crosby
Emil Doyle
Bridget McNassar
Patricia Otto
Cheryl Shippentower

Portland

Penney Boyce
Carol Boyer
Corinne Crawford
Patricia Delich
Susan Donora
Sandra J. Hulden
Wayne Jiang
Karen Lundberg
William Scheuner
Jacquelyn Schroeder

Portland (continued)

John Sparks
Sharon Stanley
Marc Tait-Condie
Janet K. Williams

Siskiyou

Charles Callagan
Teresa Fernandez
Jade Keehn
Thomas Landis
Marcy Landis
Glen Riley
John Rinaldi
Kathleen Rolih
Charles Schelz
Diane Wickstrom

Willamette Valley

Kim Wentz

STUDENTS, TAKE NOTE:

The Willamette Valley Chapter will once again be offering two scholarships for 3rd and 4th year students who will be enrolling in plant systematics or plant ecology at any Oregon college or university for the 2018–2019 school year. Two qualified applicants will be selected to receive \$1,000 from either the Augusta Rockafellar Memorial Scholarship Fund or the Jean Davis Memorial Scholarship Fund. Applications will be accepted by mail until June 1, 2018. Don't let this opportunity pass you by!

Rules for Scholarship Awards

1. Scholarships are available to students in Oregon colleges, planning their major study in plant systematics or plant ecology.
2. Scholarships are awarded in the amount of \$1,000 to worthy students who will complete at least two years of satisfactory college work by

July 1 of the year of receipt of application and are full time students. Graduate students may be eligible if they meet all qualifications except that of full time student.

3. Awards are made in the following manner:
 - a) A certificate is presented to the recipient.
 - b) A check in the amount of the award is submitted to the school of choice, as set forth in rule 1, to be used toward tuition within the following academic year.
4. If an award recipient fails to enroll, changes his or her major, or leaves the school before completing the period for which the award was granted, the full amount or unused part of the money shall be returned to the Memorial Scholarship Fund.
5. Applicants are required to submit:
 - a) In their own words, a statement

of academic and career intent.

- b) Two letters of reference from persons able to judge the student's ability to successfully complete study in the area of plant systematics or plant ecology.
 - c) Full academic record (transcript).
6. The Scholarship Committee Chair must receive all applications, together with items listed in rule 5, no later than June 1. The award will be made by July 1.
 7. Scholarships cannot be granted to Scholarship Committee members or their relatives.

Please mail applications and the required documentation to:

Thomas Jenkins
Scholarship Committee Chairman
14380 Salt Creek Rd.
Dallas, OR 97338

Your Employer Can Support NPSO

The effects of climate change are growing, putting stress on the land, water, food, energy and other resources people and wildlife need to thrive. But Oregonians can do more to protect our way of life. NPSO has partnered with EarthShare Oregon to make that happen.

EarthShare engages people at their workplaces to strengthen environmental efforts locally, across Oregon, and around the world. NPSO's membership in EarthShare also enables us to reach employees across Oregon who might not know about our work. The more workplaces offering EarthShare, the more financial support, volunteers and outreach we receive!

Did you know that studies have

shown that donors give more through workplace giving? Educating your donors about workplace giving can increase your donations through EarthShare. Does your workplace offer EarthShare? Find out. (<http://earthshare-oregon.org/workplace-programs>) If not, talk to your boss or human resources personnel about offering EarthShare. Jan Wilson, EarthShare Oregon's executive director, will meet with your employer to discuss the benefits of a partnership, and get started right away.

To learn more about bringing EarthShare to your workplace, contact Jan directly at 503-223-9015 or jan@earthshare-oregon.org.



CELEBRATING WILDFLOWERS
Paeonia brownii
Wild Pacony or Brown's
Pacony

Paeonia brownii

KARL URBAN

Torrent Sedge (*Carex nudata*) Good Looking and Hard Working

by Rachel A. Werling

This article originally appeared in the Fall 2017 issue of The Confluence, the Rogue River Watershed Council's quarterly newsletter. Read more online at rogueriverwc.org.



RACHEL WERLING

*Torrent sedge (*Carex nudata*) growing along the Rogue River, Oregon.*

"Sedges have edges and rushes are round, torrent sedge on the banks of our rivers is found." I have modified that child's botanical ditty to highlight one of my favorite streamside plants. If you have been lucky enough to spend a day wandering or rafting the Rogue or another river in our area, you have likely noticed robust green tussocks of a grass-like plant perched Seussian-like along the shore and on rocks mid-stream. "Torrent sedge" is a poetic visual, and the plant lives up to its name, happily thriving along fast flowing rivers from California to Washington. It is adapted to the disturbance often created by flood water.

This sedge blooms early in the season in dense spikes of "seeds" that break apart and drop in the torrent when water levels are still high. As the levels go back down, the seeds are left on rocks and gravel banks, where they quickly set their tenacious roots. Established tussocks are seldom dislodged by floods and their dense stems and leaves trap sediments and create habitat

for other plants to take root. Mature clumps have long, gracefully overhanging leaves and can be three feet tall and several feet wide. This species provides more than interesting scenery, however. Mathew Goslin, working for the University of Oregon, has taken to calling torrent sedge a botanical "ecosystem engineer" and an agent of passive restoration. His work along the John Day River has documented that torrent sedge populations can increase "complexity" in stream morphology, expanding islands, promoting side channels and pools. This improves fish habitat, providing cover and important habitat diversity. Torrent sedge is a good looking and hard working member of the riparian plant community.

Rachel Werling serves on the Rogue River Watershed Council board. She is a botanist and on faculty at OSU's Southern Oregon Research and Extension Center where she coordinates the Land Steward Program.

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Native Plant Society of Oregon
Margaret Conover, Membership Chair
P.O. Box 902
Eugene, OR 97440

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

- ☐ New ☐ Renewal
☐ Student – \$12 ☐ Regular – \$25 ☐ Family – \$35
☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500
☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund	\$ _____
Leighton Ho Memorial Field Botany Fund	\$ _____
Augusta Rockafellar Memorial Scholarship	\$ _____
Rare and Endangered Plant Conservation Fund	\$ _____
Friends of the Oregon Flora Project	\$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

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STATE OFFICERS

DIRECTORS.....	Thea Cook Jaster, Michael McKeag, Zak Weinstein (to 6/2018); Dawn Anzinger, Alexis Brickner, Esther McEvoy (to 6/2019)
PRESIDENT	Lisa Blackburn president@NPSOregon.org ; 503-538-3976
IMMEDIATE PAST PRESIDENT.....	Kelli Van Norman..... past_president@NPSOregon.org
VICE PRESIDENT	Dan Luoma vice-president@NPSOregon.org ; 541-752-8860
SECRETARY.....	Steven Yeager..... secretary@NPSOregon.org ; 541-521-3964
TREASURER.....	Cyndi Dion treasurer@NPSOregon.org

CHAPTER PRESIDENTS

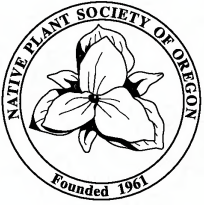
CHEAHMILL	Lisa Blackburn ch_president@NPSOregon.org ; 503-538-3976
CORVALLIS.....	Judi Sanders co_president@NPSOregon.org
EMERALD (Eugene).....	Matt Groberg..... em_president@NPSOregon.org ; 541-954-5334
FILIPENDULA	Kathleen Sayce fi_president@npsoregon.org ; 360-665-5292
HIGH DESERT (BEND).....	Susan Berger hd_president@NPSOregon.org
KLAMATH BASIN	Todd Kepple kb_president@NPSOregon.org
MID-COLUMBIA	Sara Wu mc_president@NPSOregon.org
PORTLAND	Alix Daniels po_president@NPSOregon.org ; 406-666-7888
SISKIYOU	Kristi Mergenthaler si_president@NPSOregon.org ; 541-941-3744
UMPQUA VALLEY (Roseburg).....	Neal Hadley uv_president@NPSOregon.org ; 541-679-8889
WILLAMETTE VALLEY (Salem)	John Savage wv_president@NPSOregon.org ; 503-779-5414
WM CUSICK (La Grande)	Susan Geer wc_president@NPSOregon.org

STATE COMMITTEE CHAIRS

BUDGETS AND GRANTS	Dan Luoma..... 5 NW Edgewood Dr., Corvallis, OR 97330; 541-752-8860
CONSERVATION	Billy Don Robinson bdmeme@gmail.com ; 503-515-1708
FRIENDS OF OR FLORA PROJECT	Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu ; 541-737-4338
LEGISLATIVE	Billy Don Robinson bdmeme@gmail.com ; 503-515-1708
MEMBERSHIP.....	Margaret Conover..... P.O. Box 902, Eugene, OR 97440; membership@NPSOregon.org
NPSO FELLOWS.....	Cindy Roché and Karen Sturgeon fellows@npsoregon.org
RARE & ENDANGERED PLANTS.....	Jason Clinch..... rareplants@npsoregon.org

PUBLICATIONS

BULLETIN EDITOR.....	Erika Wedenoja..... bulletin@NPSOregon.org
BULLETIN PRODUCTION	Cat Mead cat@featherforge.com
PUBLICATIONS COMMITTEE CHAIR	Cindy Roché..... kalmiopsis@NPSOregon.org
WEBMASTER	Sunia Yang webmaster@NPSOregon.org



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Friends of the Oregon Flora Project

Many thanks to those of you who contributed to the Oregon Flora Project's year-end campaign. If you missed responding to our letter, it's not too late! You can support the OFP with a check mailed to the address below, or donate online (<http://oregonflora.org/supportOFP.php>).

Changes are happening within our program: with the launch of our redesigned website in the coming months, we will be modifying our name to "OregonFlora." This reflects the broadening of our scope to include research initiatives that apply the rich botanical dataset we are developing.

What will not change is our commitment to provide accurate and thorough information through the writing of the *Flora of Oregon*. The upcoming volumes will complete the first comprehensive floristic treatment of our state in over a half-century. These illustrated volumes will indeed, as one reviewer of Volume 1 stated, establish "...a new standard of excellence for a state flora."

Our appreciation of your involvement and support will always remain unchanged!

Contributions can be mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd Ste 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 51, No. 2

MARCH 2018

NPSO Annual Meeting 2018 in Prineville June 1–3

The Ochoco Mountains and Crooked River Grasslands will be our botanical landscape for the 2018 annual meeting. The meeting is co-hosted by the Portland and High Desert chapters.

Deadline for registration is May 1, 2018. Registration is limited to 120 so sign up early!

Check-in, programs, dinners, and vendor sales will be at the Meadow Lakes Golf Course clubhouse, 300 SW Meadow Lakes Drive in Prineville.

Lodging will be on your own. Motel and camping options are listed on the annual meeting website (2018. npsoregon.org). Breakfasts will be on your own; an optional sack lunch can be ordered for Saturday during registration.

Half-day field trips will be offered on Friday and Sunday. Full-day field trips will be offered on Saturday. A variety of field trips will range from auto tours to short walks and strenuous hikes. Pets are

not allowed on any field trips.

Schedule

Friday, June 1

Optional half-day field trips, noon–4 pm. Check-in begins at 4 pm at Meadow Lakes Golf Course. Social hour begins at 5 pm (bar open for wine and beer sales; no BYO). Dinner at 6:30 pm. Our speaker will be Sarah Cuddy, Ochoco Mountains coordinator for Oregon Wild. Sarah will orient you to the remarkable Ochoco National Forest, including unique geologic features, interesting natural history, and the genuinely compelling parts of the forest. The Ochoco Mountains are full of character and this presentation will inspire you to get out there and explore it.

Saturday, June 2

All-day field trips, 8:30 am–4:30 pm. Late check-in and pick up pre-ordered, optional lunches at field trip meeting

location. Social hour begins at 5 pm (bar open for wine and beer sales; no BYO). Dinner at 6:30 pm, followed by announcements and installation of officers and board members. Our speaker will be Terry Holtzapple, retired archaeologist for the Bureau of Land Management and U.S. Forest Service. "The Ochoco Mountains: A Cultural Landscape" will begin with the setting and geology of the Ochoco Mountains and then take a closer look at the past 12,000 years. Terry will review the archaeological records, resources, and early settlement patterns in the uplands. This will lead into tribal uses, ceded lands and traditional cultural plants. The story will shift to exploration, mining, and Anglo settlement and close with the development and history of the Ochoco National Forest.

continued on page 7

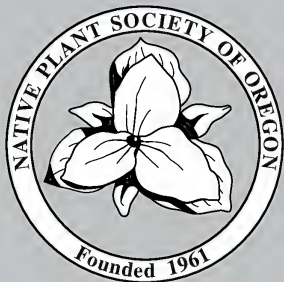
!! IF YOU HAVEN'T RENEWED YET FOR 2018, YOUR MEMBERSHIP WILL LAPSE SOON !!

Look at the label on this *Bulletin* and if "2017" appears along the top edge, this is the LAST *Bulletin* you will receive. If you don't want to miss out on any of this year's *Bulletins*, please send in your dues payment right away!

You can also renew online at npsoregon.org/online.html

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsos

General Business Address and Membership Inquiries

P.O. Box 902
Eugene, OR 97440

Send Membership inquiries Attn:
Margaret Conover, Membership
Chair

To correspond directly with Officers
and Committee Chairs, see the list
on the inside of the back page.

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tion are those of the authors of the
articles. They do not represent the
opinions of the Native Plant Society
of Oregon, unless so stated.

January 2018 State Board Meeting Highlights

by Steven Yeager, State Secretary

The board accepted the 2018 budget. The motion passed with unanimous consent.

The Oregon Flora Project reported that the group is hard at work completing Volume 2 of the *Flora of Oregon*. Over 90% of the floristic treatments are in hand and authors are assigned. The new Oregon Flora website is expected to launch in the very near future.

Ballots for the 2018 state officer elections need to be submitted by April 10 to be announced in the May *Bulletin*. The Website Committee provided an update on the new website progress. The general sense is a release date of sometime this summer although no exact date has been set. The 2020 Annual Meeting will be hosted by the Willamette Valley and Filipendula Chapters.

NPSO's EarthShare Oregon liaison requested that chapters submit any upcoming events as EarthShare can provide volunteers and publicity.

The next board meeting will be hosted by the Siskiyou Chapter on April 7. Location: Talent Town Hall in downtown Talent, 206 E. Main.

Greater Hells Canyon Council Sues to Protect Spalding's Catchfly

Spalding's catchfly (*Silene spaldingii*) is a federally listed threatened species that grows in bunchgrass and sagebrush-steppe habitat. In Oregon, it is found only in Wallowa County. The U.S. Fish & Wildlife Service has created a recovery plan for this species and provided conservation recommendations, which include adjustments to current cattle grazing allotments. Cattle affect Spalding's catchfly by trampling seedlings and breaking taproots, disturbing the habitat of its ground-dwelling pollinators, and spreading invasive plants that can outcompete the catchfly. The U.S. Forest Service reauthorized cattle grazing in the Hells Canyon National Recreation Area without implementing recommendations from the U.S. Fish & Wildlife Service, prompting the Greater Hells Canyon Council (GHCC) to file a lawsuit in January 2018. Veronica Warnock, conservation director of GHCC explains, "This is about the Forest Service ignoring management recommendations on how to protect and recover a threatened species, something it is required to do in Hells Canyon." The above information was compiled from the GHCC website. For more details, visit hellscanyon.org/lira-faq and fws.gov/oregonfwo/Species/Data/SpaldingsCatchfly.



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Spalding's catchfly, *Silene spaldingii*

NPSO CALENDAR

State Notes

State Board Meeting

April 7, Saturday, 10 am-2 pm

The next state board meeting will be hosted by the Siskiyou Chapter. Location: Talent Town Hall in downtown Talent, 206 E. Main.

NPSO Annual Meeting 2018

June 1-3, Friday-Sunday

The next Annual Meeting will be co-hosted by the Portland and High Desert Chapters June 1-3, Friday-Sunday, in Prineville.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@wtechlink.us.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

Meeting and work party location:

Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Highway 99W and SW Second St.), McMinnville. The library parking lot may be entered from either Adams or Second street.

March 22, Thursday, 7 pm

Program: Magical Forests, Flowers, Birds and Frogs.

Costa Rica offers natural history enthusiasts a huge variety of unique places to explore. Gail Baker and Clayton Gautier will share photos and stories of their adventures in five different Costa Rican natural reserves: the Monteverde cloud forests, La Selva tropical wet forests, open páramo of the Talamanca Mountains, Los Quetzales National Park, the coastal jungle of Corcovado National Park, and premontane wet forest at Las Cruces, which borders Panama. Location:

McMinnville Public Library, see above for details.

March 24, April 28, Saturdays, 10-noon

Work Party: Native Plant Garden.

Work around the Carnegie Building with a congenial crew to maintain the beauty of this demonstration garden. Bring gloves, bucket, and gardening tools if you have them. Location:

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. A sample waiver form is available at http://npsoregon.org/documents/NPSO_waiver.pdf. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12. A trip leader checklist and sample waiver form are available at: <http://npsoregon.org/calendar.html>

McMinnville Public Library, see above for details. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact co_president@NPSOregon.org.

March 12, Monday, 7:30 pm

Meeting: Soil! What It Is and How

It Works. James Cassidy, instructor of Soil Science at OSU, will talk about soil and native plants: It's ALL about soil! You will learn more than you ever thought possible from this lecture. The reason you are alive, what nutrients are, how soil stores water and nutrients. The fundamentals that ALL humans on the planet Earth should know! Location: Room 2087 Cordley Hall, 2701 SW Campus Way, OSU. For information email Judi Sanders at judi.sanders@gmail.com or call Louise at 541-753-0012.

March 17, Saturday, 10 am-1 pm

Field Trip: Lichen Walk. Led by Bruce McCune, to two homes in the Corvallis area. We will visit Esther McEvoy's home and Dan Luoma's previous home on Harrison to look at and identify lichens in an urban setting. Location: meet at Esther's home at 3290 SW Willamette Avenue, Corvallis at 10 am. For more information contact Esther at 541-754-0893 or estherco@peak.org.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists & botanical information about Lane County plants & the people who love them.

Meeting location: The venue for programs this season is the Amazon Community Center at 2700 Hilyard St. in Eugene. Go to the M.L.I. Room in Building "C."

March 17, Saturday, 6:30 pm

Program: A Closer Look at *Camassia*.

Camas (*Camassia* spp.) is well known and loved in the Willamette Valley as a beautiful spring wildflower, a foundation species of the prairies and oak habitats, and as a traditional food of indigenous people wherever it grows. Instructor Heron Brae of the Columbian School of Botanical Studies will present a slideshow looking at botany, diversity, ecology, and traditional uses of camas. Heron includes personal stories of working with planting, monitoring, harvesting, and cooking this beloved geophyte. Location: Amazon Community Center, 2700 Hilyard St., Eugene, see above for details. For more information call 541-954-5334.

Filipendula

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, carlajeancole@gmail.com.

March 14, Wednesday, 9 am-noon

Volunteer: Transplant Native Plants at Reed Ranch. Reed Ranch is a coastal prairie that has been farmed and grazed but never forested. North Coast Land Conservancy is removing Scots broom and other undesirables, and also planting native wildflowers to restore diversity. Join us to help and learn about propagating native species during this late winter transplanting session. Location: meet at Reed Ranch on Hwy 101. For more information contact trip leader Melissa Reich, melissar@nclctrust.org.

April 24, Tuesday, 9 am

Field Trip: Saddle Mountain State Natural Area. An early hike to see rare species before the main season begins in May. Look for *Erythronium*, *Lloydia* (synonym of *Gagea*), *Dicentra cucullaria*, and other early flowering species. Six mile round trip hike has steep sections; wear stout shoes and bring lunch and water. Location: meet at the trailhead off Hwy 26. Trip Leader: TBA, for more information contact Carla Cole carlajeancole@gmail.com.

High Desert

For information, visit the High Desert Chapter website: [www](http://www.highdesertnpsoregon.org).

highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, kb_president@NPSOregon.org.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

Portland

If you would like to receive the chapter's semi-official email newsletter, The Calochortus, email Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7:00 pm. **MEETING PLACE: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., Portland.** We will meet in **Copeland Commons**; enter the church through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

March 8, Thursday, 7 pm

Program: Exploring the Natural History of Hawaii. Join us for an overview of this island chain's rapid evolution in isolation, which provides a natural lab for evolutionary ecology of flora and fauna. Speaker Dr. Frank Howarth, medical entomologist, while on the staff of the Bishop Museum in Honolulu, researched the native lobelias and tarweeds that adapted to unique environments as well as the fauna of caves and lava tubes. Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St, see above for details.

March 16, Friday, 5:30-8 pm

Field Trip: Green Infrastructure Bike (or Streetcar) Tour. We will first examine the plants and habitat of Tanner Springs Park. Bring the plant list from friendsoftannersprings.org/seasonal-blooms. Then we will head to a streetcar stop or our bicycles and regroup at SW 12th & Montgomery on the PSU campus. We'll identify plants and critique the various stormwater facilities on the Green Infrastructure Tour (portlandoregon.gov/bes/article/439734) and more on the way to 4th Ave. How about the Duck House for dinner afterward? Leader: Mary Vogel. Location: Meet at NW 10th & Marshall, by Tanner Springs Park. Sign up or ask questions on the NPSO Portland Meetup page, meetup.com/NPSO-Portland.

March 23, Friday, 8:30 am-4:30 pm

Field Trip: Catherine Creek. The premier early flower spot in the Gorge, where we will search for grass widows, yellow bells, prairie stars, toothworts, several desert parsleys, and others. Easy walking route to 3 miles with 800 ft. gain. Catherine Creek is in the Gifford Pinchot NF about 7.2 miles east of Bingen, WA, Klickitat County. Limited to 12 participants. Location: meet at the Catherine Creek trailhead at 10 am or carpool from Gateway Park and Ride, leaving at 8:30 am. Drive is 134 miles round trip. To sign up or for more information contact leader Ron Klump at ronklump55@comcast.net.

March 24, Saturday, 1-4 pm

Field Trip: Nob Hill Nature Park in St Helens. This will be an easy, low-key stroll through Nob Hill Nature Park (NHNP) to view fawn and chocolate lilies and more in an area currently undergoing restoration. NHNP is a 6.6-acre oak woodland perched on a basalt bluff overlooking the Columbia River. Poison oak is common off well-maintained trails; long pants and long sleeves are suggested. This event is on, rain or shine. Pre-registration not needed. Location: NHNP is 30 miles north of Portland, off Hwy 30 in St Helens. Meet at the city's wastewater

treatment facility across from park at 1 pm. Directions from Portland: take Hwy 30 north, past Scappoose. At the WalMart in St Helens, turn right on Gable Rd. Go toward the river. Bear right on Plymouth St. and keep bearing right until you see the wastewater treatment plant on the right. There is plenty of parking across from the park's main entrance. Information: day of event, call 503-349-8586. For a plant list, call trip leader Caroline Skinner at 503-248-9719.

April 7, Saturday

Field Trip: Sandy Canyon. Hike into a little-known area we're calling 'Sandy Canyon.' We will begin on the cliffs above the Sandy River, near Oxbow Regional Park. The winding trail will pass wildflowers (penstemons, sedums, paint brush, etc.) on sandstone cliffs, going through woodlands. We'll lunch along the Sandy River in the midst of a now-rare ancient grove of ginormous Douglas fir trees. Round-trip about 4 miles. There are no 'amenities' so bring drinking water, first aid, sanitary paper, plus the usual lunch, camera, etc. Contact leader Ginny Maffitt, maffitt6540@comcast.net, for carpool site and departure time.

April 12, Thursday, 7 pm

Program: Fire Ecology in the Columbia Gorge. Jurgen Hess, photojournalist and former USFS employee based in Hood River, will speak on the fire ecology of the Columbia Gorge. He will give current information on the long range effects of the Eagle Creek Fire and recovery of native plant communities with ongoing restoration efforts. Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St, see above for details.

April 14, Saturday, 8:30 am-4:30 pm

Field Trip: Memaloose Hills. Wildflower hike in the East Gorge, moderate, 5-6 miles, 800 ft. gain. This hike is best done for the first time with someone who knows the trail. It is jam-packed with a variety of flower species, including the rare violet suksdorfia and big shows of balsamroot. It boasts a pioneer road, basalt formations, and

lovely views of the Columbia River, Mt. Hood, and Mt. Adams. Located just east of the town of Mosier, this hike was a favorite of Russ Jolley. 140 miles round-trip drive. Co-leaders Beth Magnus and Clarice Johnston. Contact Clarice to sign up and for carpool site: eclaricej@gmail.com.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2018, make a suggestion, or provide feedback regarding the field trip program, please contact Julie Spelletich at: jspelletich@gmail.com. Join us on Facebook at: facebook.com/SiskiyouChapterNativePlantSocietyOfOregon.

March 15, Thursday, 7 pm

Talk: Defining Future Desired Conditions—Using Trait-based Ecology to Restore Ecosystems. Historical reference conditions have long been used to guide the restoration of degraded ecosystems but this approach is now being questioned, given a rapidly changing climate. Restoration goals are now becoming focused on creating communities that are resilient to changing climates. Dr. Robert Strahan of Southern Oregon University will provide an overview of this innovative approach, focusing on Southwestern U.S. mixed-conifer forests. Refreshments at 6:45 pm, meeting and program at 7:00 pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Alexis at alexis.brickner@gmail.com or 860-878-2049.

Umpqua Valley

Visit umpquavallemnativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-459-2821.

We are planning several spring and early summer field trips. Please join us and learn more about your local chapter. Please call Donna at 541-459-2821

for questions and to confirm your participation. We need to know who to contact if the schedule changes.

March 10, Saturday, 9 am-3 pm

Field Trip: Early Spring Wildflowers in Olalla Creek Watershed. Ted Schatzenkerk will lead us to Upper Olalla Road south of Tenmile to view the first wildflowers of spring, including: Oregon fetid adder's tongue (*Scoliopus hallii*), gold star (*Crocidium multicaule*), baby blue-eyes (*Nemophila menziesii* var. *atomaria*), and rosy plectritis (*Plectritis congesta*). We will make several stops along Olalla Creek. Ride sharing is encouraged. Bring lunch and dress for the weather conditions. Easy walking on this trip. For more information and to sign up, call Donna at 541-459-2821.

March 17, Saturday, 9 am-3 pm

Field Trip: Explore Beatty Rock. We will explore along lower Cow Creek Road to examine the California sword fern (*Polystichum californicum*), spring phacelia (*Phacelia verna*), a rare moss (*Pseudoleskeella serpentinensis*), and the fairy slipper orchid (*Calypso bulbosa*). The first stop is 8 miles in, at the mouth of Beatty Creek. There we will amble about on Beatty Rock, a monolithic outcropping of conglomerate. The second stop is another 1.8 miles to the BLM Island Wayside. Anticipate climbing on sloping, mossy (slippery) rock for viewing ferns. Ride sharing is encouraged. Parking is limited. Bring lunch and dress for the weather conditions. For more information and to sign up, call Donna at 541-459-2821.

March 24, Saturday, 9:30 am

Field Trip: North Bank Habitat Management Area. North Bank Habitat Trail System is a moderate 7.1 mile loop trail near Sutherlin that is accessible year-round. This area was set aside to provide secure habitat for the Columbian white-tailed deer and other special status species. It is a popular spot for enjoying wildflowers or bird watching. We will be looking for *Sidalcea cusickii* (Cusick's checkermallow), *Limnanthes douglasii* (Douglas meadowfoam), and unique prairie grasses and graminoids. Easy hikes (with water resistant boots).

15–30 minute drive from Roseburg. For more information and to sign up, call Donna at 541-459-2821.

April 7, Saturday, 8:30 am

Field Trip: Rogue River Trail. We will be looking for blooming plants along the wild and scenic portion of the Rogue River Trail, downstream from Graves Creek. Bring a sack lunch and plan for a moderate 1 to 2 mile hike. This is an all day field trip. For more information and to sign up, call Donna at 541-459-2821.

Willamette Valley

For program information, contact John Savage at 503-779-5414.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Susan Geer at 541-963-0477 or Emelie Montgomery-Jones at 541-963-3339 for updates and general information. Chapter notices and communications are done primarily through a Google group. Members are reminded to contact Susan or Emelie if they want to be added to the Google group, or if they do not have internet access and want to be contacted by phone for events.

Glide Wildflower Show April 28–29

This year, the Glide Wildflower Show will feature two guest speakers sharing their knowledge of rare plants of the North Umpqua region. This will be a great opportunity to learn from experts about some unusual species.

Richard Helliwell, forest service botanist, will speak about “Rare and Unusual Plants of the Umpqua National Forest.” This presentation will be on Saturday, April 28 at 1:30 pm.

Immediately following at 3:00 pm, Dr. Dan Luoma of OSU will speak about “Oregon’s Rare, Beautiful, and Unique Shrub *Kalmiopsis*.”

The Glide Wildflower Show will close out Native Plant Appreciation Week on April 28–29. The largest showcase

Tillamook County Pioneer Museum

March 10–April 15, Tuesdays–Sundays, 10 am–4 pm

Exhibit: Oregon's Botanical Landscape: An Opportunity to Imagine Oregon Before 1800. Frances Stilwell is a botanist and artist from Corvallis. She has been working on this project for more than 30 years. She traveled extensively throughout Oregon and Washington, painting and drawing the flora of the area. This exhibit of pastels, watercolors, and oils gives the viewer a chance to imagine what Oregon might have looked like before the arrival of Lewis and Clark in 1804. On March 10 at 1 pm, Ginny Maffit will present a program, “Native Plants and Their Uses,” followed by an artist reception with Frances Stilwell. Free and open to the public. Location: 2106 Second Street, Tillamook. For more information, call 503-842-4553 or visit tcpm.org.

OTHER EVENTS

Mount Pisgah Arboretum

April 14–15, Saturday–Sunday, 10 am–3 pm

Workshop: Botany ID. In this two-day workshop, botanist Tobias Policha will help participants improve their identification skills and knowledge of our local flora. Topics include plant anatomy, family characteristics, and using a botanical key to aid in identification, with the focus on flowering plants. This is a hands-on class, so be prepared to go outside. Recommended text for class: Gilkey and Dennis’ *Handbook of Northwestern Plants* (2001 edition). \$60 non-members. \$50 members. \$7 materials fee (paid to instructor). All materials included. Please bring a hand lens if you have one. Pre-registration required. To register, call 541-747-3817. Location: Mount Pisgah Arboretum, 34901 Frank Parrish Rd, Eugene.

of native flora in the Pacific Northwest, it will bring together over 600 species of wildflowers, shrubs, trees, mosses, lichens and ferns, all artfully displayed and labeled.

Look for more details about these talks in the April *Bulletin*, but mark your calendar now. Make plans for a day or a full weekend. Visit the show, then continue up Highway 138, the Rogue-Umpqua National Scenic Byway, to see abundant wildflowers in their natural environment, dramatic waterfalls, and the spectacular wild and scenic North Umpqua River.

For details, visit glidewildflowershow.org.



Kalmiopsis fragrans graces the 2018 Glide Wildflower Show poster.

Sunday, June 3

Optional half-day field trips, 9 am–2 pm. The NPSO State Board meeting at Meadow Lakes Golf Course will be open to all members. Botanical explorations on your own are encouraged. See the annual meeting website for destinations, directions, and plant lists.

Field Trip Options for NPSO Annual Meeting 2018

Bring plenty of water, lunch, sturdy shoes or boots for rough ground, sunglasses, sunscreen, sunhat, and be prepared for any type of weather. Ticks and, rarely, rattlesnakes could be encountered on most hikes so long pants are recommended.

See 2018.npsoregon.org for full trip descriptions, photos, maps, and plant lists. The website also has a comparison table of all the field trips and suggestions for self-guided trips on your own. Field trips may be changed if necessary

due to unforeseen weather or access conditions.

All field trips will meet in the parking lots in front of the Bureau of Land Management, Prineville District Office and Ochoco National Forest headquarters, 3050 and 3160 NE 3rd Street, Prineville, OR 97754. Carpooling is strongly encouraged; we recommend a rider donation of 10¢ per mile per person.

Friday, June 1

All field trips depart at noon.

1. Baneberry Trail

Easy. This 1.25-mile loop with 200' elevation gain has a number of interpretive signs and benches along the way. The start of the trail is lined with masses of broadleaf lupine and white false hellebore until it enters the forest. The trail goes through a beautifully forested area of California white fir that includes a stream drainage featuring moisture-loving species such as Columbia monkshood and common monkey-flower. The trail also passes lots of its namesake baneberry. If time allows, we will also walk around the Independent Mine site which still has miners' cabins and a former cinnabar mine. Suitable for most vehicles except low-slung cars. Drive 60 miles round trip. Leader: Susan Saul.

2. Chimney Rock Trail

Moderate. This short but scenic out and back trail on BLM lands above the Lower Crooked Wild and Scenic River is 2.7 miles round trip with 550' elevation gain. We will follow a well-maintained trail to the canyon rim and amazing views. Native plant communities

include talus slope and lithosol. We will reserve time at the end to explore the riparian zone in the Chimney Rock campground. Expect sand lily, showy towsendia, stiff and threadstalk milkvetches, upland larkspur, thread-leaf fleabane, Gairdner's and lowly penstemons, desert yellow daisy, cushion fleabane, and western thelypody. Passenger car suitable. Drive 32 miles round trip. Leader: Marilynne Keyser, Friends and Neighbors of Deschutes Canyon Area.

3. Gray Butte Trail

Moderate. Located on the Crooked River National Grassland, the trail climbs around the west side of Gray Butte through increasingly open sagebrush meadows with flowers and views of the Cascades peaks to Creson Viewpoint, a rocky trailside outcrop. Expect sagebrush steppe and grasslands species including several buckwheats, bitterroot, elkhorns, clarkia, Peck's paintbrush, balsamroot, and several penstemons. This hike is 3.9 miles round trip with 800' elevation gain. High clearance vehicles recommended. Drive 40 miles round trip. Leader: Jennifer Carson, botanist for Ochoco National Forest and Crooked River Grasslands.

4. Big Summit Prairie

Easy. This high mountain wet meadow occupies several thousand acres in the heart of the Ochoco Mountains. The prairie is largely privately owned, but most of the perimeter is on national forest. This auto tour will visit a mix of wet meadows and upland scablands from the roadside at several points along Forest Road 42. Short, easy walks over fairly flat but rocky ground will get you close to the plants. Species to expect include small camas, Cusick's paintbrush, dark-throat shooting star, slender-fruited desert parsley, Rydberg's penstemon, large-flowered swamp buttercup, Tolmie's onion, twin arnica, pale Wallowa paintbrush, prairie smoke, Gairdner's penstemon, and blue dicks. Bring binoculars for wildlife viewing; sandhill cranes, elk, and pronghorn frequently are visible. Passenger car suitable. Drive 80 miles round trip. Leader: Jill Welborn,

continued on page 8



CELEBRATING WILDFLOWERS

Lewisia triphylla
Three-leaf Lewisia

Three-leaf Lewisia

KARL URBAN

botanist for Ochoco National Forest.

5. Coffer (Bella) Ranch

Difficult. Join the Deschutes Land Trust for a wildflower hike around Coffer Ranch, a conserved private ranch outside of Prineville. We'll hike along Mill Creek and enjoy scenic views of unique rock formations while learning more about the springs and wetlands the ranch protects. Then we'll head up into the hills to search for a myriad of native wildflowers including native grasses, phlox, prairie star, balsamroot, and bitterroot. This strenuous hike (due to some cross country hiking over irregular ground and slopes) follows old roads although there may be a couple sections of steeper cross country hiking, up to 4.5 miles with 300' elevation gain. Passenger car suitable. Drive 30 miles round trip. Leader: Carol Moorehead.

6. Ponderosa Loop Trail

Easy. Located on the Ochoco Divide at the Bandit Springs Rest Area on US Highway 26, this 2-mile loop trail with about 100' elevation gain is suitable for most hikers. The trail goes along a ridge through open, upland coniferous forest and dry meadows. We may leave the trail to visit a fenced wet meadow for additional flower species. Expect Tolmie's onion, Wyoming paintbrush, mountain lady slipper, upland larkspur, valley cinquefoil, Montana sticky cinquefoil, Rydberg's geranium, Lanszwert's peavine, whiskerbrush, Rydberg's penstemon, and long-spurred bog orchid. Passenger car suitable. Drive 60 miles round trip. Leader: Paul Slichter.

Saturday, June 2

All field trips depart at 8:30 am.

1. Maury Mountains

Easy. All-day car botanizing trip through the Maury Mountains, a few miles southeast of the tiny town of Post, the geographical center of Oregon. We'll make several stops along the gravel road that traverses the forest at 5,000' elevation, with short walks for viewing plants in forest, meadow, and wetland habitats. *Helianthella uniflora*, *Wyethia*, and *Triteleia* should be abundant. Passenger car suitable. Drive 100 miles roundtrip. Leaders: Jan and Dave Dobak.

2. Juniper Hills Preserve

Moderate. This nearly 14,000-acre former ranch located between the Ochoco and Maury mountains is now owned by The Nature Conservancy (TNC). We will meet Brooke Gray, the preserve manager, and discuss TNC goals and current preserve

management. We will hike approximately 3 miles in flat to slight rolling terrain exploring juniper sagebrush and riparian habitats, stopping to identify all the spring wildflowers and grasses. Numerous native grasses and wildflowers are found in the 65 distinct plant communities within the preserve. Passenger car accessible. Drive 75 miles round trip. Leader: Berta Youtie.

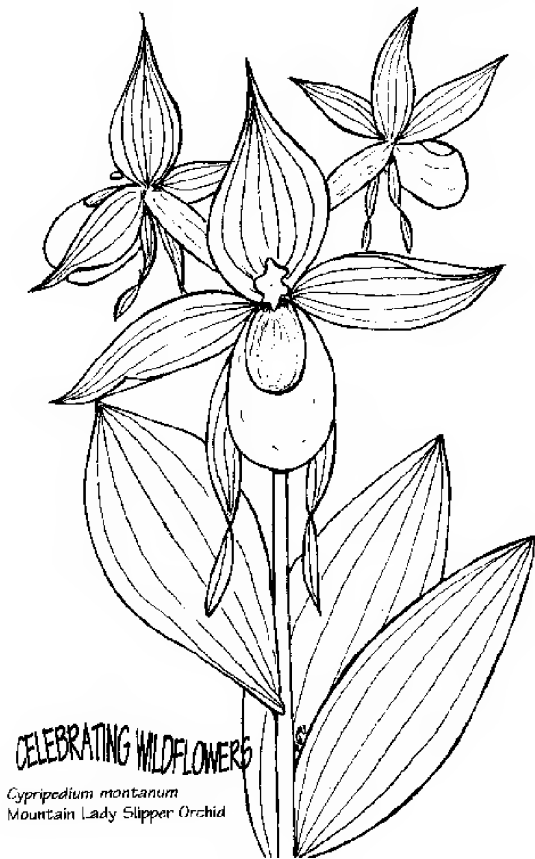
3. Line Butte Trail

Moderate. This out and back hike provides gentler access to Lookout Mountain. We'll learn the history of this part of the forest and follow an old road with gentle grade, long ago converted to trail. The first several miles of trail pass through a park-like forest of big ponderosa pines filled with numerous spring wildflowers. The trail then ascends through fir forest to open sagebrush slopes. We will hike 5–6 miles round trip with 800'–1,000' elevation gain. Expect arrowleaf balsamroot, Eaton's shaggy fleabane, spotted fritillary, Rydberg's geranium, three-leaf *Lewisia*, mountain balm, Brown's peony, and daggerpods. High clearance vehicles recommended. Bring binoculars and watch for pronghorn, elk, mule deer, and sandhill cranes during the drive. Drive 100 miles round trip. Leader: Sarah Cuddy.

4. Big Summit Prairie Scablands

Easy. This high mountain wet meadow occupies several thousand acres in the heart of the Ochoco Mountains. The prairie is largely privately owned, but most of the perimeter is on national forest. This field trip will be a driving tour with several stops and short hikes on sloping, rocky terrain called scablands. They host distinctive plant communities and rare plant species adapted to the harsh environmental and soil conditions; these plant communities exhibit a riot of color and botanical richness in the spring. The geology, ecology, flora, and conservation of Ochoco scablands will be discussed, as will NPSO's High Desert Chapter citizen science monitoring project, Adopt-A-Scabland. Bring binoculars for wildlife viewing; sandhill cranes, elk, and pronghorn frequently are visible on the

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Mountain lady slipper

prairie. Passenger car suitable. Drive 80 miles round trip. Leader: Jill Welborn, botanist for Ochoco National Forest.

5. Whychus Canyon Preserve

Difficult. Join us for an early wildflower hike at scenic Whychus Canyon Preserve. Scan the canyon for colorful native blooms like balsamroot and pale blue flax, and watch for songbirds and signs of wildlife. Explore boulder outcroppings and take in panoramic views of mountain peaks and dramatic canyons. This 4–6 mile hike on a rocky trail crosses steep side slopes with 300' elevation gain. Bring plenty of water, hiking pants and sturdy hiking shoes. Dress for the weather. Passenger car suitable. Drive 90 miles round trip. Leader: David Miller, Deschutes Land Trust.

6. Twin Pillars Trail North

Moderate to Difficult. Hike into the northern edge of the Mill Creek Wilderness to view moist wildflower meadows at Bingham Prairie and then continue through forests partly burned by a 2000 fire to an overlook of Twin Pillars, which are 200' tall rhyolite intrusions into a 40 million year old volcanic caldera. If time permits, we'll hike down to view the unique flora on the pillars themselves. We will hike 6 miles round trip with 600' elevation gain (mostly on the return). Passenger car suitable except for low slung cars. Drive 50 miles round trip. Leader: Roger Brewer.

7. Lookout Mountain Trail

Difficult. Lookout Mountain is the most well-known geologic feature in the western Ochoco Mountains as its flat top is visible for up to 50 miles in all directions. We'll visit examples of the coniferous forest, riparian springs, rocky rim, and scabland habitats. We will hike the steep Mother Lode Trail up to the summit with some off trail hiking to visit rock gardens and scablands. Depending upon the speed of the group and trail conditions, we may return via the Independent Mine Trail. Hike 4–7 miles with 1,220' elevation gain. High point: 6,930'. Passenger

car suitable except for low slung cars. Drive 60 miles round trip. Leader: Susan Saul.

8. Badlands Wilderness, Millican Valley, and Dry Canyon

Easy. South of Prineville we will explore the dramatic high desert and sagebrush steppe of central Oregon. Oregon's newest wilderness is quite accessible and contains possibly the best ancient juniper forest in Oregon. Wildflowers can be spectacular in early June and the geology of nearby Millican Valley and Newberry Volcano add a fascinating sidelight. We will make several stops with short hikes in sandy soils, covering under 4 miles with at most 100' elevation gain. Passenger car suitable. Drive 100 miles round trip. Leader: Stu Garrett.

9. Alder Springs Trail and Squaw Flats

Moderate to Difficult. We will hike the Alder Springs Trail down to moist meadows at Alder Springs and downstream to where Whychus Creek joins the Deschutes River. We will then drive several miles west to drier sites near Squaw Flats. Note: A crossing of shallow Whychus Creek will be dependent upon water level (bring light water shoes or sandals). Moderately difficult 6 mile hike with 950' elevation gain upon the return. High clearance vehicles recommended. Drive 90 miles round trip. Leader: Jennifer Ferriel, botanist for Ochoco National Forest and Crooked River Grassland.

10. Steins Pillar Trail

Moderate. We will hike 4.1 miles round trip with 900' elevation gain (high point in the middle) passing through rock outcrops, open balds, and forested slopes before descending to the base of the 350' high Steins Pillar. If time allows, we'll drive

to the nearby Brennan Palisades and make roadside stops in search of other area wildflowers. Passenger car suitable except for low slung cars. Drive 36–45 miles round trip. Leader: Paul Slichter.

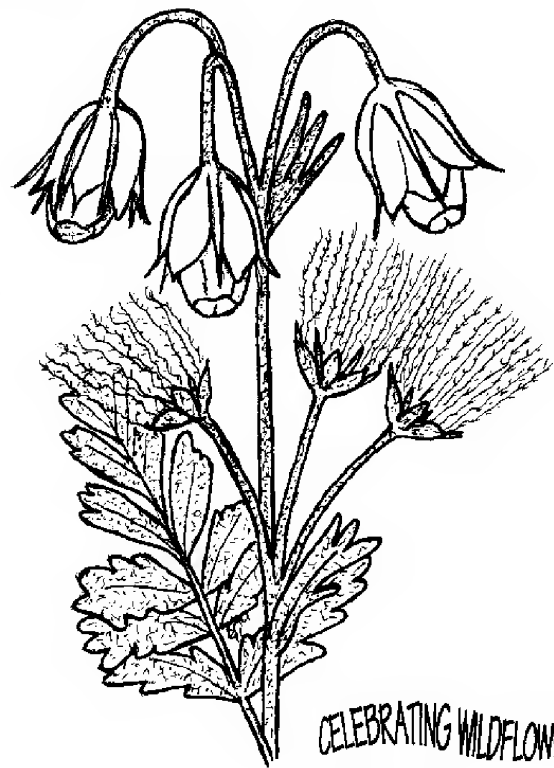
Sunday, June 3

All field trips depart at 9 am.

1. Crooked River Ranch Native Plant Interpretive Garden and Steelhead Falls Trail

Moderate to Difficult. We will spend 45 minutes at the Crooked River Ranch Native Plant Interpretive Garden, the largest native plant garden in Central Oregon, hosting 40 species of native plants common to the sagebrush steppe in the Middle Deschutes Canyon area. We will caravan across Crooked River Ranch to the Steelhead Falls trailhead in the Deschutes Canyon-Steelhead Falls Wilderness Study Area. This 3-mile loop hike, with 700' gain on the return, will begin with a steep ascent to the canyon rim. We

continued on page 10



CELEBRATING WILDFLOWERS

Geum triflorum
Prairie Smoke, Old Man's
Whiskers, or Red Avens

KARL URBAN

Prairie smoke

Field Trips, *cont'd*

will hike north along the rim, viewing the falls from above, continuing back down to the river. We will focus on the talus slope, lithosol, and riparian native plant communities. Passenger car suitable. Drive 100 miles round trip. Leader: Marilynne Keyser, Friends and Neighbors of the Deschutes Canyon Area.

2. Ponderosa Loop Trail

Easy. Located on the Ochoco Divide at the Bandit Springs Rest Area on US Highway 26, this 2-mile loop trail with

about 100' elevation gain is suitable for most hikers. The trail goes along a ridge through open, upland coniferous forest and dry meadows. We may leave the trail to visit a fenced wet meadow for additional flower species. Expect Tolmie's onion, Wyoming paintbrush, mountain lady slipper, upland larkspur, valley cinquefoil, Montana sticky cinquefoil, Rydberg's geranium, Lanszwert's peavine, whiskerbrush, Rydberg's penstemon, and long-spurred bog orchid. Passenger car suitable. Drive 60 miles round trip. Leader: Roger Brewer.



Central Oregon landscape

CAT MEAD

3. Juniper Hills Preserve

Moderate. The Nature Conservancy's Juniper Hills Preserve has a diversity of ecosystems including riparian areas along the Crooked River and the entire drainage of Lost Creek. Sagebrush steppe, juniper woodlands, and ponderosa pine forests make up the rest of the 14,000-acre holding. The wildflowers can be spectacular in June. Anyone interested in geology will be fascinated by the unusual and colorful John Day and Clarno Formations on the Preserve. We will do three short hikes for less than 3 miles total, walking mostly on flat terrain. Passenger car suitable. Drive 75 miles round trip. Leader: Stu Garrett.

4. Big Summit Prairie

Easy. This high mountain wet meadow occupies several thousand acres in the heart of the Ochoco Mountains. The prairie is largely privately owned, but most of the perimeter is on national forest. We'll visit scabland and riparian meadow sites along the north and east sides of Big Summit Prairie, including Indian Creek and several sites near the old Cold Springs Guard Station, then loop back along the south side of Big Summit Prairie. We will make several roadside stops with short walks and little elevation gain. Bring binoculars for wildlife viewing; sandhill cranes, elk, and pronghorn frequently are visible. Passenger car suitable. Drive 90 miles round trip. Leader: Paul Slichter.

NPSO Seeks Candidates

Please consider taking the opportunity to serve our Society by running for election to one of the state-wide officer or at-large board of directors positions. Interested persons and people with ideas for potential candidates may contact Dan Luoma by email (daniel.luoma@oregonstate.edu) for more information.

Plan Now for Native Plant Appreciation Week

Though the weather outside is frightful, the arrival of spring will be so delightful. While dreaming of spring, it's never too early to start planning for Native Plant Appreciation Week, which takes place April 22-28, 2018. This is the largest coordinated public outreach event for the Native Plant Society of Oregon and an excellent opportunity for society chapters throughout the state to sponsor workshops, hikes, plant sales, etc. and help increase their chapter's visibility and membership. We all get much busier as the weather improves so now is the time to plan. Be sure to post your activities in the NPSO *Bulletin* and let the NPAW Committee know about them as well. Email any information to Judi Sanders at judi.sanders@gmail.com.

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____
Address _____
City _____ State _____ Zip+4 _____
Phone _____ E-Mail _____
Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

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City _____ State _____ Zip+4 _____

☐ Check to receive electronic *Bulletin*, sent by email in lieu of paper.

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Native Plant Society of Oregon
Margaret Conover, Membership Chair
P.O. Box 902
Eugene, OR 97440

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

- ☐ New ☐ Renewal
☐ Student – \$12 ☐ Regular – \$25 ☐ Family – \$35
☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500
☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund	\$ _____
Leighton Ho Memorial Field Botany Fund	\$ _____
Augusta Rockafellar Memorial Scholarship	\$ _____
Rare and Endangered Plant Conservation Fund	\$ _____
Friends of the Oregon Flora Project	\$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

OFFICERS & COMMITTEE CHAIRS

STATE OFFICERS

DIRECTORS.....	Thea Cook Jaster, Michael McKeag, Zak Weinstein (to 6/2018); Dawn Anzinger, Alexis Brickner, Esther McEvoy (to 6/2019)
PRESIDENT	Lisa Blackburn president@NPSOregon.org ; 503-538-3976
IMMEDIATE PAST PRESIDENT.....	Kelli Van Norman..... past_president@NPSOregon.org
VICE PRESIDENT	Dan Luoma vice-president@NPSOregon.org ; 541-752-8860
SECRETARY.....	Steven Yeager..... secretary@NPSOregon.org ; 541-521-3964
TREASURER.....	Cyndi Dion treasurer@NPSOregon.org

CHAPTER PRESIDENTS

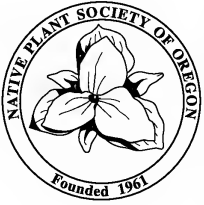
CHEAHMILL	Lisa Blackburn ch_president@NPSOregon.org ; 503-538-3976
CORVALLIS.....	Judi Sanders co_president@NPSOregon.org
EMERALD (Eugene).....	Matt Groberg..... em_president@NPSOregon.org ; 541-954-5334
FILIPENDULA	Kathleen Sayce fi_president@npsoregon.org ; 360-665-5292
HIGH DESERT (BEND).....	Susan Berger hd_president@NPSOregon.org
KLAMATH BASIN	Todd Kepple kb_president@NPSOregon.org
MID-COLUMBIA	Sara Wu mc_president@NPSOregon.org
PORTLAND	Alix Daniels po_president@NPSOregon.org ; 406-666-7888
SISKIYOU	Kristi Mergenthaler si_president@NPSOregon.org ; 541-941-3744
UMPQUA VALLEY (Roseburg).....	Neal Hadley uv_president@NPSOregon.org ; 541-679-8889
WILLAMETTE VALLEY (Salem)	John Savage wv_president@NPSOregon.org ; 503-779-5414
WM CUSICK (La Grande)	Susan Geer wc_president@NPSOregon.org

STATE COMMITTEE CHAIRS

BUDGETS AND GRANTS	Dan Luoma..... 5 NW Edgewood Dr., Corvallis, OR 97330; 541-752-8860
CONSERVATION	Billy Don Robinson bdmeme@gmail.com ; 503-515-1708
FRIENDS OF OR FLORA PROJECT	Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu ; 541-737-4338
LEGISLATIVE	Billy Don Robinson bdmeme@gmail.com ; 503-515-1708
MEMBERSHIP.....	Margaret Conover..... P.O. Box 902, Eugene, OR 97440; membership@NPSOregon.org
NPSO FELLOWS.....	Cindy Roché and Karen Sturgeon fellows@npsoregon.org
RARE & ENDANGERED PLANTS.....	Jason Clinch..... rareplants@npsoregon.org

PUBLICATIONS

BULLETIN EDITOR.....	Erika Wedenoja..... bulletin@NPSOregon.org
BULLETIN PRODUCTION	Cat Mead cat@featherforge.com
PUBLICATIONS COMMITTEE CHAIR	Cindy Roché..... kalmiopsis@NPSOregon.org
WEBMASTER	Sunia Yang webmaster@NPSOregon.org



*Send change of address notices
and membership requests to:*

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Margaret Conover, Membership Chair
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www.oregonflora.org

Friends of the Oregon Flora Project

Exciting changes are coming to the Oregon Flora Project in the coming weeks!

Our web address, <http://oregonflora.org>, will soon feature our redesigned website. We are adopting the Symbiota platform, software designed for sharing natural history collections data. Users will find our mapping tools and photo gallery with powerful new options. There are also several new features: a searchable section about native plants used in gardening, an interactive key to the entire flora, and profile pages for every taxon.

The release of our new website also includes the launch of our new identity: "OregonFlora." This simple change that removes "Project" from our name reflects how our program is growing. As we complete the historic task of writing a new flora for the state, we are now applying the information in ways that impact diverse audiences—gardeners, farmers, educators, and more.

We appreciate your support of the Oregon Flora Project, and constantly strive to make it a resource that informs and involves you. Contributions can be mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd Ste 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 51, No. 3

APRIL 2018

Learn About Rare Plants at the Glide Wildflower Show

The Glide Wildflower Show is excited to be featuring new presentations about rare Oregon plants at this year's show, April 28–29, 2018.

Dr. Dan Luoma will present a talk about "Oregon's Rare, Beautiful, and Unique Shrub *Kalmiopsis*." This will be a unique opportunity to learn firsthand from an expert about *Kalmiopsis leachiana* and *K. fragrans*, the only vascular plants endemic solely to Oregon. He'll discuss the similarities and differences between the two species, as well as their ecology and geographic distribution. Dr. Luoma is assistant professor in OSU's Department of Forest Ecosystems and

Society. He is also an NPSO Fellow, a past president, current vice-president, and long-time board member. Dr. Luoma's talk will be at 3:00 pm on Saturday, April 28.

In 1930, botanists in the Siskiyou Mountains observed populations of a beautiful shrub, similar to *Kalmia* and cultivated azaleas. Within months, propagators were trying to grow it for the nursery trade. It was designated as a new species in a new genus, *Kalmiopsis leachiana*.

In 1954, more specimens were discovered in the North Umpqua River drainage of the Cascade Mountains, a

region with very different geology. The area where these specimens were found, around Limpy Rock near Dry Creek, was studied in depth in the 1970s by Jeanne Moore, Yvonne Knouse, Mary Powell, and Alice Parker—the Limpy Rock Botanical Committee. The work resulted in a voluminous report completed in 1976 describing the large number of unique plants found there, including *Kalmiopsis leachiana* but also non-green plants such as snow plant and pinesap. In 1979, the U.S. Forest Service designated the 1,879-acre Limpy Rock Research Natural Area (LRNA) "for preservation and concentrated scientific study of these special interest plants." The designation protected the area from logging and road construction and enabled scientific study of the flora.

In the late 1970s, a young botanist working for the BLM was recruited to work for the Glide Wildflower Show and met the women on the Limpy Rock Botanical Committee. Dan Luoma was introduced to the LRNA and began

continued on page 8

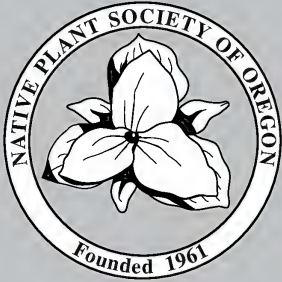


DAN LUOMA

Kalmiopsis fragrans

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: `subscribe nps`

General Business Address and Membership Inquiries

P.O. Box 902
Eugene, OR 97440

Send Membership inquiries Attn:
Margaret Conover, Membership
Chair

To correspond directly with Officers
and Committee Chairs, see the list
on the inside of the back page.

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bulletin@NPSOregon.org.

Opinions expressed in this publica-
tion are those of the authors of the
articles. They do not represent the
opinions of the Native Plant Society
of Oregon, unless so stated.

New NPSO Email List

The NPSO email discussion list has moved from nps@tardigrade.net to nps@lists.npsoregon.org. If you were on the NPSO email discussion list already, you should have received an invitation to join the new list. If you didn't receive the invitation, please feel free to subscribe here:

lists.npsoregon.org/listinfo.cgi/nps-npsoregon.org

If you are not familiar with the NPSO email discussion list (also known as a listserve), it is an online discussion group to share events, report current wildflower blooms, and ask questions about native plants. For more information, visit npsoregon.org/discussionlist.php. New subscribers may also join at the link above. No invitation is needed, all are welcome to subscribe (and unsubscribe) to the NPSO email discussion list at any time.

If you have any problems, please send an email to webmaster@npsoregon.org.



Native Plant Appreciation Week is April 22–28. Events statewide are listed in the NPSO calendar. This year's poster features photos by Jennifer Barker, Don Jacobson, Chelsea Kieffer, Polly Maertz, and Dick O'Donnell. Our poster is designed by Susan Berger.

Bulletin Seeks New Editor

NPSO needs a new editor for its statewide *Bulletin* newsletter. The *Bulletin* editor is among the first to hear the news and you will get to know your fellow NPSO members as you coordinate submissions. A degree in botany is not necessary, just an interest in native plants, good organizational skills, and an eye for detail. You should also have a computer and internet service as most communications are via email. If you are interested, please contact the current editor at bulletin@npsoregon.org for more information.

NPSO CALENDAR

State Notes

State Board Meeting

April 7, Saturday, 10 am-2 pm

The next state board meeting will be hosted by the Siskiyou Chapter. Location: Talent Town Hall in downtown Talent, 206 E. Main.

NPSO Annual Meeting 2018

June 1-3, Friday-Sunday

The next Annual Meeting will be co-hosted by the Portland and High Desert Chapters June 1-3, Friday-Sunday, in Prineville. Details in the March *Bulletin* and online at 2018.npsoregon.org.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@wtechlink.us.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

Meeting and work party location:

Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Highway 99W and SW Second St.), McMinnville. The library parking lot may be entered from either Adams or Second street.

Field trip meeting location: Corner of SE Linfield Ave. and Blaine St., McMinnville. To get there, take Hwy. 99W in south McMinnville, turn at Great Harvest toward the Linfield College campus on Linfield Ave. Park on the street.

April 21, May 19, June 23, July 28, Saturdays, 9-11 am

Work Party: Native Plant Garden.

Please note our work party time will change in April. Work around the Carnegie Building with a congenial crew to maintain the beauty of this

demonstration garden. Bring gloves, bucket, and gardening tools if you have them. Location: McMinnville Public Library, see above for details. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

April 26, Thursday, 7 pm

Program: Collecting Seeds from Native Plants. Jon Anderson, former

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. A sample waiver form is available at http://npsoregon.org/documents/NPSO_waiver.pdf. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12. A trip leader checklist and sample waiver form are available at: <http://npsoregon.org/calendar.html>

owner of Seven Oaks Native Plant Nursery, and current director of Jonny Native Seed, will speak about collecting seeds from native plants. Learn how to collect native seeds to enhance your own garden. He will share his experiences as to when, where, how, cleaning, and techniques, as well as Dos and Don'ts. Location: McMinnville Public Library, see above for details.

April 28, Saturday, 9 am

Field Trip: Silver Falls State Park.

Cheahmill Chapter will observe Native Plant Appreciation Week with a field trip to Silver Falls State Park. Interpretive Ranger Matt Palmquist will lead a walk through the park, where he has worked and photographed wildflowers for 10 years. Location: to join a carpool from McMinnville, meet no later than 9 am at SE Linfield Ave. and Blaine St., McMinnville. See above for directions. Or meet the group at 10:45 am on the front porch of South Falls Lodge in the South Falls Day-Use Area. Be prepared to walk on slick trails around the falls.

May 5, Saturday, 9 am

Field Trip: Deer Creek Park. See progress on wetland prairie restoration including *Lupinus sulphureus* ssp. *kincaidii*. Dave Hanson, park steward and past president of Cheahmill Chapter, will explain the hydrology of the still-wet site, which is being restored to its original state after agricultural disturbance. Be prepared to walk through watery areas. Location: meet no later than 9 am at SE Linfield Ave. and Blaine St., McMinnville. See above for directions. Or meet at the park at 9:45 am. For more information, call Dave at 503-843-4338.

May 12, Saturday, 9 am

Field Trip: The Butte. Cheahmill past-president, Dave Hanson, will lead this moderate hike to The Butte, an Area of Critical Environmental Concern. The Butte has an elevation of 1,407 feet and is situated approximately 8 1/2 miles due west of the city of McMinnville, between the waters of Muddy Creek

and Deer Creek. It is not normally accessible by the public. Hikers will pass through a stand of 200 –400 year-old Douglas firs. Be prepared to do some off-trail bushwhacking. Location: meet no later than 9 am at SE Linfield Ave. and Blaine St., McMinnville. See above for directions. For more information, contact Dave at 503-843-4338.

May 26, Saturday, 10 am -3 pm

Community Event: Wildflower Show and Native Plant Sale. The Cheahmill Chapter will celebrate its 20th anniversary this year at this wildflower show. Chapter members scour Yamhill County for native plants, as many as possible in bloom, and fill the Carnegie Room of the library with color and fragrance. Species are identified by Latin name, common name, and plant family. Buy locally grown native plants and tour the native plant garden, which may offer some surprises this year. Location: McMinnville Public Library, see details above. Free admission. For more information, contact Marna Porath at MPinAmity@gmail.com or 971-267-0058.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact co_president@NPSOregon.org. Find us on Facebook at facebook.com/CorvallisNPSO.

April 9, Monday, 7:30 pm

Meeting: Hydroecology of Juniper in Eastern Oregon. Carlos Ochoa, assistant professor of Watershed and Riparian Systems Management will talk about the ecology of juniper in Eastern Oregon. He will discuss both fire ecology and hydroecology. Location: Room 2087 Cordley Hall, 2701 SW Campus Way, OSU. For information contact Louise, 541-753-0012 or Judi, judi.sanders@gmail.com.

April 21, Saturday, 9 am-1 pm

Community Event: Corvallis Farmers' Market. Corvallis NPSO will be at the Corvallis Farmers' Market. Come by and say "hi," learn what's in bloom locally, and find great local spots to see those flora. Location: 1st and Jackson and beyond.

April 22, Sunday, 1-3 pm

Field Trip: Jackson-Frazier Wetlands.

In celebration of Native Plant Appreciation Week, join leaders Dan Luoma and Joyce Eberhart on a stroll through Jackson-Frazier Wetlands. The natural area trail is a boardwalk and the walk is wheelchair accessible. Location: meet at the parking area for Jackson-Frazier at the north end of Lancaster St., Corvallis. For more information contact Dan Luoma, luomad@fsl.orst.edu.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists & botanical information about Lane County plants & the people who love them.

Meeting location: The venue for programs this season is the Amazon Community Center at 2700 Hilyard St. in Eugene. Go to the M.L.I. Room in Building "C."

April 14, Saturday, 9 am -1 pm

Field Trip: Lake Hills Homeowners

Association Forest. Observe spring wildflowers, shrubs, and trees while we explore this 117 acre forested parcel NW of Veneta. The forest supports a diverse canopy of native trees associated with dry and moist Willamette Valley forest types, including native dogwood trees that may be flowering. We will also start a plant list to assist the homeowners association in their efforts to develop a management plan for the forest. We will walk about a mile on forest trails. Location: Meet at 19th and Patterson in the South Eugene High School parking lot. For more information, contact Ed Alverson, 541-461-1958.

April 21, Saturday, 6:30 pm

Program: Flies and Flowers. Flies of diverse lineages play a substantial role in the pollination of a large percentage of our native flora. Speaker August Jackson is the interpretation coordinator at Mount Pisgah Arboretum. His talk will provide an insight into the dynamic world of pollinating flies, an introduction to the species in our region, and a look at the flowering plants which rely on their services. Location: Amazon

Community Center at 2700 Hilyard St. in Eugene. For more information call 541-954-5334.

April 21, Saturday, 10 am-noon

Field Trip: Explore Amazon Park.

Join Nearby Nature and NPSO on this family-friendly wildflower wander. Play games, use magnifiers, and go on a spring scavenger hunt. Location: meet at the playground in Amazon Park, 22 Amazon Parkway, Eugene.

April 22, Sunday, 9 am-noon

Earth Day Field Trip: Hendricks

Park. Celebrate Earth Day by volunteering in the Hendricks Park forest. Help remove invasive species and then get a guided tour of the native plant garden, where we will meet at 9 am. Location: Hendricks Park, Summit Ave. and Skyline Blvd, Eugene.

April 22, Sunday, 10 am-noon

Earth Day Field Trip: Birds, Bees,

Butterflies and Blooms. Join local ecologists Peg Boulay and Bruce Newhouse as we enjoy the vibrant spring life at the Mount Pisgah Arboretum. Peg and Bruce will identify and talk about flowers and trees, birds and bees, and anything else you please! Rain or shine. Co-sponsored by NPSO. Cost: \$5, Members free. Location: meet at the Arboretum Visitor Center, Mount Pisgah Arboretum, 34901 Frank Parrish Rd, Eugene.

April 26, Thursday, 4-7 pm

Field Trip: Native Plant Garden Work

Party. Help the City of Eugene's native plant garden thrive by volunteering here. Location: Hendricks Park, Summit Ave. and Skyline Blvd, Eugene.

April 27, Friday, 1-4 pm

Field Trip: Native Plant Nursery

Work at Alton Baker Park. This nursery provides valuable native shrubs and herbaceous species for habitat restoration work by the City of Eugene. Location: Alton Baker Park, 538 Day Island Road, Eugene.

April 28, Saturday, 10 am-3 pm

Field Trip: Native Bee ID Workshop.

Oregon is home to several hundred species of native bees, including a few dozen within the Eugene-Springfield

city limits. Join August Jackson, Mount Pisgah Arboretum interpretation coordinator, for an introduction. We'll start inside with an overview of bee biology and a look at some common species in our urban areas. In the afternoon, we'll venture outside with nets to practice catching and identifying bees. All supplies provided. Location: meet at the Mount Pisgah Arboretum Visitor Center. Members \$40, non-members \$50. Pre-registration required. To register call 541-747-3817.

April 29, Sunday, 12:30-3 pm

Field Trip: Zumwalt Park, Fern Ridge Reservoir. Ed Alverson and members of Friends of Zumwalt Park will lead our annual wildflower tour of Zumwalt Park, a 74 acre Lane County Park located along the southern part of Fern Ridge Reservoir near Veneta. We will explore the park's remnant prairie flora as well as younger conifer forest. Location: Meet at 12:30 pm to carpool from the Lowe's store in west Eugene, NE corner of 11th Ave. and Bailey Hill Rd. Or meet at 1 pm the south entrance to the park along Vista Drive. Contact Ed Alverson, 541-461-1958, for more information.

May 13, Sunday, 9 am-noon

Field Trip: Wildwood Falls and La-sells Stewart Park. These two Lane County Parks are located on opposite sides of the Row River at scenic Wildwood Falls, southeast of Cottage Grove in the foothills of the western Cascades. Though only about 20 acres combined, the two parks have a diverse flora because of forest, riparian, and rock outcrop habitats. If there is interest, in the afternoon we can participate in the Bikes to Blooms event occurring nearby along the Row River Trail. Location: meet at 9 am at 19th and Patterson in the South Eugene High School parking lot. For more information, contact Ed Alverson, 541-461-1958.

Save the Date!

June 9, Saturday, 9 am

Field Trip: Horse Rock Ridge

Filipendula

This is a newly formed chapter for the

northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, carlajeancole@gmail.com.

April 24, Tuesday, 9 am

Field Trip: Saddle Mountain State Natural Area. An early hike to see rare species before the main season begins in May. Look for *Erythronium*, *Lloydia* (synonym of *Gagea*), *Dicentra cucullaria*, and other early flowering species. Six mile round trip hike has steep sections; wear stout shoes and bring lunch and water. Location: meet at the trailhead off Hwy 26. Trip Leader: TBA, for more information contact Carla Cole carlajeancole@gmail.com.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, kb_president@NPSOregon.org.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

Portland

If you would like to receive the chapter's semi-official email newsletter, The Calochortus, email Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7:00 pm. **MEETING PLACE: TaborSpace at Mt. Tabor Presbyterian Church**, 5441 SE Belmont St., Portland. We will

meet in **Copeland Commons**; enter the church through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

April 7, Saturday

Field Trip: Sandy Canyon. Hike into a little-known area we're calling 'Sandy Canyon.' We will begin on the cliffs above the Sandy River, near Oxbow Regional Park. The winding trail will pass wildflowers (penstemons, sedums, paint brush, etc.) on sandstone cliffs, going through woodlands. We'll lunch along the Sandy River in the midst of a now-rare ancient grove of ginormous Douglas fir trees. Round-trip about 4 miles. There are no 'amenities' so bring drinking water, first aid, sanitary paper, plus the usual lunch, camera, etc. New RSVP info: Contact leader Ginny Maffitt, ginnyvaccinium1@gmail.com, for carpool site and departure time.

April 12, Thursday, 7 pm

Program: Fire Ecology in the Columbia Gorge. Jurgen Hess, photojournalist and former USFS employee based in Hood River, will speak on the fire ecology of the Columbia Gorge. He will give current information on the long range effects of the Eagle Creek Fire on native plant communities and efforts to help in recovery of the native plants and trees. Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St, see above for details.

April 14, Saturday, 8:30 am-5 pm

Field Trip: Memaloose Hills. Wildflower hike in the East Gorge, moderate, 5-6 miles, 800 ft. gain. This hike is best done for the first time with someone who knows the trail. It is jam-packed with a variety of flower species, including the rare violet suksdorfia and big shows of balsamroot. It boasts a pioneer road, basalt formations, and lovely views of the Columbia River, Mt. Hood, and Mt. Adams. Located just east of the town of Mosier, this hike was a favorite of Russ Jolley. 140 miles round-trip drive. Limited to 15 people. Co-leaders Beth Magnus and Clarice Johnston. New RSVP info: Contact Beth for meeting place and to

sign up, magnuselisabeth@gmail.com, 503-706-5108.

April 19, Thursday, 8:30 am-4:30 pm

Field Trip: Memaloose Hills. Wild-flower hike in the East Gorge, moderate, 5–6 miles, 800 ft. gain. We will hike from the I-84 Memaloose Rest Area up an old road to the Columbia River and Mt. Hood viewpoint atop Castilleja Hill to lunch among showy blooms of balsamroot, lupines, and paint brushes. Located just east of the town of Mosier, this hike was a favorite of Russ Jolley. 140 miles round-trip drive. Limited to 12 people. Contact leader Willow Elliott, salixsky@hotmail.com or 503-358-5848 to sign up and for carpool information.

April 20, Friday, 5:30-8 pm

Field Trip: Green Infrastructure Bike Tour. Let's first lock our bikes and tour the parking lot that started the whole sustainable stormwater movement in Portland. Then, pick up our bikes and tour some of the sites on pages 8–11 of the TriMet sustainability report (trimet.org/orangeline/pdf/sustainability-report.pdf) to identify plants and other factors of sustainable stormwater. Cycling miles will be less than 12. Leader: Mary Vogel. Location: meet at the OMSI parking lot north of main entrance. Sign up on the NPSO Portland Meetup, meetup.com/NPSO-Portland. You can also ask questions there.

April 21, Saturday, 9 am-1:30 pm

Field Trip: Lacamas Lake, Camas, Wash. Easy loop hike, about 4 miles along lakefront and through forested slopes, flowered meadows, and riparian areas. Hope to catch camas and avalanche lilies in bloom in the oak balds. To sign up and for more information, contact leader Ron Klump, 360-576-1968 or ronklump55@comcast.net.

April 25, Wednesday

Field Trip: Camassia Preserve, West Linn. Easy one mile hike through a Nature Conservancy preserve named for the common camas (*Camassia quamash*), which blooms profusely here in April and early May. This preserve hosts more than 300 plant species. The rocky

plateau was exposed 12,000–19,000 years ago when the Bretz or Missoula Floods poured down the present Columbia River Gorge and far into the Willamette Valley. Location: meet at the entrance, 5000 Walnut Street, West Linn. Limited to 12 people; parking is very limited so please carpool. To sign up and for more information, contact leader Jason Clinch, jason.clinch@gmail.com or 503-706-2404.

April 29, Sunday, 8:30 am

Field Trip: Salmon River Trail to Vanishing Falls. We will hike 7.2 miles with a 900 ft. gain to a viewpoint. See rock gardens and ancient forest floor spring ephemerals along a river the BLM claims is the longest protected river in the lower 48. This tour is oriented towards beginning native plant enthusiasts and will go at a moderate interpretive pace. Please do some research and be prepared to tell us about at least one plant species or other aspect of natural history. Leader: Mary Vogel. Location: meet at Gateway Transit Center Garage. Sign up on the NPSO Portland Meetup, meetup.com/NPSO-Portland. You can also ask questions there.

May 2, Wednesday

Field Trip: Canemah Bluff, Oregon City. Join us for a tour of Metro's Canemah Bluff Natural Area. It features restored meadows full of camas, lilies, rosy plectritis, and oak and fir woodlands with many other native plants. Metro's science team has removed invasive plants and thinned trees to help restore the oak habitat. Location: meet at 815 4th Ave., Oregon City. Limited to 12 people; parking is very limited so please carpool. To sign up and for more information, contact leader Jason Clinch, jason.clinch@gmail.com or 503-706-2404.

May 9, Wednesday, 6-8 pm

Field Trip: Marquam Nature Park. Attune your senses to the beautiful native plants commonly found in the understory of our area's woodland and forest habitats. Geared for the novice-level native plant enthusiast, this hike is an opportunity to start becoming familiar with the native flora in Marquam

Nature Park. We will cover a 1.2 mile loop with about a 300 ft. gain, on a trail that may be muddy. This hike will be held rain or shine. Limited to 6 participants. To register and for more information, contact leader Brenda Hamilton at npmpdx@gmail.com.

May 10, Thursday

Program: Geobotanical Wonders of Central Oregon. Oregon's diverse plant life is a result of its diverse geology. Explore the wide variety of Central Oregon's botanical treasures and learn how they relate to the surrounding landscape. Dr. Stu Garrett will take us on an armchair tour of the rise of the Cascade Mountains, glacial sculpting of the ice ages, the Great Sandy Desert, and dramatic lands of lava. You will learn about some of Oregon's rarest plant species, including ones found only in Crook County. Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., see above for details.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2018, make a suggestion, or provide feedback regarding the field trip program, please contact Julie Spelletich at: jspelletich@gmail.com. Join us on Facebook at: [facebook.com/SiskiyouChapterNativePlantSocietyOfOregon](https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon).

April 14, Saturday 10 am

Field Trip: Rough & Ready Botanical Wayside. This Wayside is world renowned for its rare wildflowers and serpentine soils. The wildflowers of Rough & Ready Creek are threatened by two invasive species from the mustard family, *Alyssum murale* and *A. corsicum*. You will enjoy rare wildflowers while keeping an eye out for these *Alyssum* to help eradication efforts. Bring water; wear layered clothing and comfortable shoes. The ground is relatively level, but uneven and very rocky. Part of the hike is wheelchair accessible. Location: meet at the parking area at the Rough & Ready Botanical Wayside on west side of Hwy 199, south of Cave Junction. For more

information, call Suzanne Vautier of the Cultural & Ecological Enhancement Network at 541-291-8860.

April 19, Thursday, 7 pm

Talk: Molecules of Nature—Biodiversity, the Sixth Mass Extinction, and the Future of Medicine. One half of our prescription medications and 70% of cancer drugs arise from the natural world with all its stunning biodiversity. Nonetheless, 20% of mammals, reptiles, and plants are threatened with extinction while 33% of amphibians are facing oblivion. Dr. Paul Torrence holds a PhD in Chemistry and was appointed full investigator at the Arizona Cancer Center in Tucson. He will discuss whether we have the moral resources to arrest this annihilation. Refreshments at 6:45pm, meeting and program at 7:00 pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Alexis, alexis.brickner@gmail.com or 860-878-2049.

April 29, Sunday, 10 am

Field Trip: Mule Mountain Hike. In celebration of Native Plant Appreciation week, join Siskiyou Chapter board members Suzie Savoie and Julie Spelletich for a moderately difficult hike through oak woodland, chaparral, and grasslands along the way to our lunch spot below the summit of Baldy Peak where we will have sweeping views of the Applegate Valley and snow-capped Red Buttes. Many common spring wildflowers bloom here, as well as unique species such as the rare slender flowered evening primrose (*Tetrapteron graciliflorum*) and hybrid fawn lilies, a natural cross between *Erythronium hendersonii* and *E. citrinum* that results in a variety of color variations. Contact jspelletich@gmail.com for carpool info and to sign up.

Umpqua Valley

Visit umpquavalleynativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-459-2821.

April 7, Saturday, 8:30 am

Field Trip: Rogue River Trail. We will be looking for blooming plants along the wild and scenic portion of the Rogue River Trail, downstream from Graves Creek. Bring a sack lunch and plan for a moderate 1 to 2 mile hike. This is an all day field trip. For more information and to sign up, call Donna at 541-459-2821.

Willamette Valley

For program information, contact John Savage at 503-779-5414.

April 14, Saturday, 9 am-1 pm

Wildflower Walk: Howard Creek Trail at Silver Falls State Park. Join Aislinn Adams and John Savage of the Willamette Valley Chapter on a family-friendly walk in search of *Calypso bulbosa* and other early-blooming wildflowers. Bring water, lunch, and appropriate foot gear and clothing for early spring. This is a rain-or-shine event. Location: meet in the parking lot at the Willamette Heritage Center, 1313 Mill Street SE, Salem at 9:00 am to carpool. Cost: \$5 suggested donation (Free to members of NPSO and the David Douglas Society.) Registration required. To register and for more information, contact John Savage, John@StraubCenter.org or 503-779-5414.

April 18, Wednesday, 6-7 pm

Nature Talk: Illahe-Kemteks—Weaving Northwest Plants and Cultures. Join Grand Ronde tribal member and traditional basket weaver Stephanie Craig as she weaves the complex story of Western Oregon tribes. From the era of removal from traditional lands to the cultural revitalization of today, Craig traces the resiliency of Native people and cultures through traditional basket making using native plants. Reception to follow. Location: Eco Hub, 1313 Mill Street SE, Salem. Cost: \$5 suggested donation at the door. No registration or RSVP required. For more information, contact John Savage, John@StraubCenter.org or 503-779-5414.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Susan Geer at 541-963-0477 or Emelie Montgomery-Jones at 541-963-3339 for updates and

general information. Chapter notices and communications are done primarily through a Google group. Members are reminded to contact Susan or Emelie if they want to be added to the Google group, or if they do not have internet access and want to be contacted by phone for events.

OTHER EVENTS

Audubon Society of Portland

April 21-22, Saturday-Sunday, 10 am-4 pm

Sale: Native Plants. Oregon wildflowers, shrubs, and trees will enhance your yard, woodland or stream bank. Over 100 species of native plants will be available to purchase, including those for shade, sun, butterflies, and hummingbirds. Experienced gardener volunteers will advise and assist, and the Portland Audubon Education birds of prey will make appearances. Free and open to the public. For more information, visit audubonportland.org/sanctuaries/plant-sale or call 503-292-6855 x 140.

Siskiyou Field Institute

June 15-17, Friday-Sunday
Field Courses: Veva Stansell Country: A Weekend in the Pistol River/Hunter Creek Area. Share memories of Siskiyou botanist Veva Stansell and explore the rare serpentine plant ecosystems she helped describe and protect. See the June blooming *Erigeron* that bears her name. Visit Hunter Creek habitats she studied that are now proposed as a designated Forest Service botanical area. We'll start the weekend with a public program at the Pistol River Friendship Hall on Friday evening. Saturday, you have the option of two field courses: "Botanizing Signal Butte" with Linda Vorobik and "Ecology of the Pistol River" with Larry Basch. On Sunday, the two options are: "Botanical Sketching" with Linda Vorobik and "Wildflower Photography" with Lee Webb. Tuition: \$60 for one field course; \$110 for two. For more information and to register, visit thesfi.org or call 541-597-8530.

Glide Show, *cont'd*

studying the plant communities there. Eventually, he based his M.S. thesis on the ecology of chlorophyll-less *Ericaceae* found at Limpy Rock.

Over the years, Luoma and other botanists have continued to study *Kalmiopsis*. Comparisons of the two populations suggested they should be considered distinct taxa. In 2007, the Cascade population was described as a new species, *Kalmiopsis fragrans*. Dan Luoma suggested the epithet *fragrans*.

Dr. Luoma is an avid photographer, and his talk will be illustrated with many lovely photographs of *Kalmiopsis*. Don't miss the chance to experience his expertise.

Immediately preceding Dr. Luoma's talk will be a presentation at 1:30 pm on "Rare and Unusual Plants of the Umpqua National Forest." Richard Helliwell, forest botanist on the Umpqua National Forest since 1995,

will go beyond *Kalmiopsis* to discuss the many rare and unusual wildflowers, mosses, and trees that occur on the Umpqua National Forest. The presentation will cover the unique habitats, ecological processes, population trends, and management challenges involved with these fascinating plants. Learn from another expert why Southern Oregon is one of the most botanically rich areas of the United States.

As always, the Glide Wildflower show will feature over 600 species of wildflowers, shrubs, trees, mosses, lichens, and ferns, all artfully displayed and labeled. The schedule includes four other presentations, a tour of the show guided by a botanist, and walks on a nearby trail guided by show collectors. Special displays will showcase edible and medicinal plants, natural dyes, noxious weeds, beekeeping, spinning, and photos of endangered flowers. Native plants and books will be for sale, as



DAN LUOMA

Kalmiopsis fragrans

well as a variety of lunch options. For details, go to glidewildflowershow.org.

Mark your calendar and make plans for a day or a full weekend. Visit the show, then continue up Highway 138, the Rogue-Umpqua National Scenic Byway, to see abundant wildflowers in their natural environment, dramatic waterfalls, and the spectacular wild and scenic North Umpqua River.



DIANNE MUSCARELLO

Visitors admiring the displays at the Glide Wildflower Show.



DIANNE MUSCARELLO

The show has guided walks on nearby trails.

NPSO Annual Meeting 2018

June 1–3, Prineville

Register by May 1!

Details and Registration are in the March *Bulletin* and online at 2018.npsoregon.org

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____
Address _____
City _____ State _____ Zip+4 _____
Phone _____ E-Mail _____
Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

Address _____
City _____ State _____ Zip+4 _____

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NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Native Plant Society of Oregon
Margaret Conover, Membership Chair
P.O. Box 902
Eugene, OR 97440

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

- ☐ New ☐ Renewal
☐ Student – \$12 ☐ Regular – \$25 ☐ Family – \$35
☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500
☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

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Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

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STATE OFFICERS

DIRECTORS.....	Thea Cook Jaster, Michael McKeag, Zak Weinstein (to 6/2018); Dawn Anzinger, Alexis Brickner, Esther McEvoy (to 6/2019)
PRESIDENT	Lisa Blackburn president@NPSOregon.org ; 503-538-3976
IMMEDIATE PAST PRESIDENT.....	Kelli Van Norman..... past_president@NPSOregon.org
VICE PRESIDENT	Dan Luoma vice-president@NPSOregon.org ; 541-752-8860
SECRETARY.....	Steven Yeager..... secretary@NPSOregon.org ; 541-521-3964
TREASURER.....	Cyndi Dion treasurer@NPSOregon.org

CHAPTER PRESIDENTS

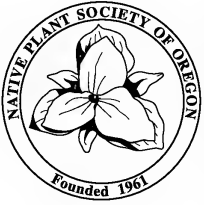
CHEAHMILL	Lisa Blackburn ch_president@NPSOregon.org ; 503-538-3976
CORVALLIS.....	Judi Sanders co_president@NPSOregon.org
EMERALD (Eugene).....	Matt Groberg..... em_president@NPSOregon.org ; 541-954-5334
FILIPENDULA	Kathleen Sayce fi_president@npsoregon.org ; 360-665-5292
HIGH DESERT (BEND).....	Susan Berger hd_president@NPSOregon.org
KLAMATH BASIN	Todd Kepple kb_president@NPSOregon.org
MID-COLUMBIA	Sara Wu mc_president@NPSOregon.org
PORTLAND	Alix Daniels po_president@NPSOregon.org ; 406-666-7888
SISKIYOU	Kristi Mergenthaler si_president@NPSOregon.org ; 541-941-3744
UMPQUA VALLEY (Roseburg).....	Neal Hadley uv_president@NPSOregon.org ; 541-679-8889
WILLAMETTE VALLEY (Salem)	John Savage wv_president@NPSOregon.org ; 503-779-5414
WM CUSICK (La Grande)	Susan Geer wc_president@NPSOregon.org

STATE COMMITTEE CHAIRS

BUDGETS AND GRANTS	Dan Luoma..... 5 NW Edgewood Dr., Corvallis, OR 97330; 541-752-8860
CONSERVATION	Billy Don Robinson bdmeme@gmail.com ; 503-515-1708
FRIENDS OF OR FLORA PROJECT	Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu ; 541-737-4338
LEGISLATIVE	Billy Don Robinson bdmeme@gmail.com ; 503-515-1708
MEMBERSHIP.....	Margaret Conover..... P.O. Box 902, Eugene, OR 97440; membership@NPSOregon.org
NPSO FELLOWS.....	Cindy Roché and Karen Sturgeon fellows@npsoregon.org
RARE & ENDANGERED PLANTS.....	Jason Clinch..... rareplants@npsoregon.org

PUBLICATIONS

BULLETIN EDITOR.....	Erika Wedenoja..... bulletin@NPSOregon.org
BULLETIN PRODUCTION	Cat Mead cat@featherforge.com
PUBLICATIONS COMMITTEE CHAIR	Cindy Roché..... kalmiopsis@NPSOregon.org
WEBMASTER	Sunia Yang webmaster@NPSOregon.org



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OregonFlora is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, oregonflora.org. Funding for the direct operating expenses of the OregonFlora program comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that keeps OregonFlora progressing, please contact us at ofpflora@oregonflora.org, or phone 541-737-4338.

Contributions can be made online (www.oregonflora.org/supportOFP.php) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 51, NO. 4

MAY 2018

Candidates for NPSO State Board Positions

The NPSO Nominating Committee offers the following list of candidates for the state offices. Ballots must be returned to the Ballot Committee postmarked by May 25, 2018. Newly elected individuals will assume office during the Annual Meeting.

We are currently lacking a third candidate for Director-at-Large. This vacancy may be filled by a majority vote of the Board of Directors at the Annual Meeting. Please consider serving our Society. Interested persons and people with suggestions for potential candidates may contact Dan Luoma by email (daniel.luoma@oregonstate.edu) for more information.

President:

Lisa Blackburn (Cheahmill) was born and raised in southern California. She graduated with a BS in Renewable Natural Resources and an MS in Range Management from the University of California at Davis. Lisa moved to Oregon in 1977. She worked for the Forest Service and Bureau of Land Management for 31 years, retiring in 2007 from the BLM Oregon State Office in Portland. Her interest in plants and geology started during childhood through family camping vacations all over the western United States. Lisa has served as president of the Cheahmill Chapter, state secretary, and state vice president.

Vice President:

Thea Jaster (Emerald) earned her bachelor's degree in Botany from the

University of New Hampshire in 1990, minoring in German. The following years were punctuated by a two-year stint in the Peace Corps in Paraguay, working in agroforestry and environmental education, and five years working on the botany team for the Latin America Division of The Nature Conservancy in Arlington, Virginia. Thea arrived in Oregon in 2001, in Eugene. During a field season in the Fremont National Forest of south central Oregon she performed plant surveys using a combination of floras to key plants, somewhat frustrated, as no single flora contained all the species for the region. Thea realized the need for a single comprehensive flora for Oregon. She was then introduced to the Oregon Flora Project (now OregonFlora) and was subsequently hired as a database manager for the team in 2002, where she has had the pleasure of working ever since. Thea enjoys botanizing, hiking, flat water kayaking, and cross country skiing. She also finds peace working in her garden.

Secretary:

Steven Yeager (Emerald) Originally from Philadelphia, Steven moved to the Pacific Northwest in 1994, and has been rooted in Eugene ever since. He has been exploring Oregon's wild places and studying the Pacific Northwest's native flora since 1995. Steven is co-owner of the Columbines School of Botanical Studies in Eugene. Columbines offers a unique educational program focusing on community

herbalism, including a heavy emphasis on botany that covers plant terminology and using taxonomic keys, ecology, and ethnobotany. He also is the QA/QC director at Mountain Rose Herbs and is responsible for the proper identity of their botanical products. Steven has also served as president of the Emerald Chapter and is on the boards of the United Plant Savers and the American Herbal Products Association Foundation for Education and Research on Botanicals.

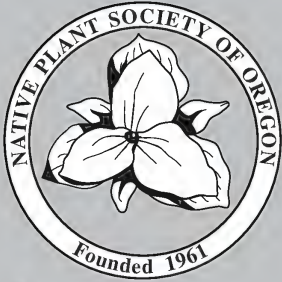
Treasurer:

Cyndi Dion (Siskiyou) has served as our state treasurer for the last decade. Some years ago, she retired from the Oregon Shakespeare Festival (also a nonprofit) after serving as the business

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

npsolist@lists.npsoregon.org

For more information and to subscribe, visit <http://npsoregon.org/discussionlist.php>

General Business Address and Membership Inquiries

P.O. Box 902
Eugene, OR 97440

Send Membership inquiries Attn:
Margaret Conover, Membership
Chair

To correspond directly with Officers
and Committee Chairs, see the list
on the inside of the back page.

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tion are those of the authors of the
articles. They do not represent the
opinions of the Native Plant Society
of Oregon, unless so stated.

Bulletin Seeks New Editor

NPSO needs a new editor for its statewide *Bulletin* newsletter. The *Bulletin* editor is among the first to hear the news and you will get to know your fellow NPSO members as you coordinate submissions. A degree in botany is not necessary, just an interest in native plants, good organizational skills, and an eye for detail. You should also have a computer and internet service as most communications are via email. The *Bulletin* is published 10 times a year and requires about 15 hours of editorial work per issue. Additional volunteers are in place to prepare the newsletter layout, printing, and mailing. A description of the *Bulletin* editor position is on page 7 of the Board Handbook, available online at <http://npsoregon.org/documents/NPSOBoardHandbook.pdf>. If you are interested, please contact the current editor at bulletin@npsoregon.org for more information.

New NPSO Chapter Presidents

Please welcome these two new chapter presidents and thank the outgoing presidents for their service.

ShyAnne Groberg is the new president for the Emerald Chapter. Outgoing president Matt Groberg will continue to volunteer on the state website committee and the Emerald Chapter RE committee.

Dave Garcia is the new president for the Siskiyou Chapter. Dave is a retired teacher/principal, naturalist, and one of the co-founders of the Siskiyou Chapter. Outgoing president Kristi Mergenthaler will continue to be involved with the chapter in outreach and also planning for the NPSO Annual Meeting 2019 in the Applegate Valley.

GLORIA Project Seeks Volunteers

By Dr. Upekala Wijayratne

Volunteers are being sought for a monitoring project that the U.S. Forest Service, NE Oregon Area Ecology Group is embarking on. We are setting up a GLORIA (Global Observation Research Initiative in Alpine Environments) cluster in the Wallowa Mountains of Oregon.

GLORIA is a global research initiative to study the effects of climate change on alpine ecosystems. There are several North American GLORIA clusters but there is a gap in the coverage in our region (clusters exist in California, Nevada, and British Columbia). A cluster is a collection of 3–4 peaks with replicated permanent vegetation plots that are sampled every five years. It's largely a volunteer driven initiative and a labor of love for many. The California group has been active for over 10 years and has built up quite an army of professional and amateur botanists.

We have identified three peaks in the Wallows for our cluster and made some preliminary species lists. Our target region is just inside the Eagle Cap Wilderness boundary, south of Mt. Howard. The Mt. Howard area has populations of *Lomatium greenmanii*, an endemic to the Wallowa Mountains, and a state threatened species. The lowest peak has habitat that looks promising for *L. greenmanii*. This year's field sampling will be during the week of July 29.

Because our project will need to be sampled every five years in perpetuity, we are looking for institutional partners/volunteers to help us. We'd like to build a coalition of interested institutions and individuals that are committed to this project and its success. More information about GLORIA can be found on the web at: gloria.ac.at.

For more information on this unique opportunity for alpine botanizing, please contact Dr. Upekala Wijayratne, NE Oregon Area Ecologist; Malheur, Umatilla, & Wallowa-Whitman National Forests; 541-523-1211; ucwijayratne@fs.fed.us.

NPSO CALENDAR

State Notes

NPSO Annual Meeting 2018

June 1-3, Friday-Sunday

The next Annual Meeting will be co-hosted by the Portland and High Desert Chapters June 1–3, Friday–Sunday, in Prineville. Details in the March *Bulletin* and online at 2018.npsoregon.org. Please note that registration is now full.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@wtechlink.us.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

Meeting and work party location:

Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Highway 99W and SW Second St.), McMinnville. The library parking lot may be entered from either Adams or Second street.

Field trip meeting location: Corner of SE Linfield Ave. and Blaine St., McMinnville. To get there, take Hwy. 99W in south McMinnville, turn at Great Harvest toward the Linfield College campus on Linfield Ave. Park on the street.

May 5, Saturday, 9 am

Field Trip: Deer Creek Park. See progress on wetland prairie restoration including *Lupinus sulphureus* ssp. *kincaidii*. Dave Hanson, park steward and past president of Cheahmill Chapter, will explain the hydrology of the still-wet site, which is being restored to its original state after

agricultural disturbance. Be prepared to walk through watery areas. Location: meet no later than 9 am at SE Linfield Ave. and Blaine St., McMinnville. See above for directions. Or meet at the park at 9:45 am. For more information, call Dave at 503-843-4338.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. A sample waiver form is available at http://npsoregon.org/documents/NPSO_waiver.pdf. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12. A trip leader checklist and sample waiver form are available at: <http://npsoregon.org/calendar.html>

May 12, Saturday, 9 am

Field Trip: The Butte. Dave Hanson, Cheahmill Chapter past-president, will lead this moderate hike to The Butte, an Area of Critical Environmental Concern. The Butte has an elevation of 1,407 feet and is approximately 8 1/2 miles due west of the city of McMinnville, between the waters of Muddy Creek and Deer Creek. It is not normally accessible by the public. Hikers will pass through a stand of 200–400 year-old Douglas firs. Be prepared to do some off-trail bush-whacking. Location: meet no later than 9 am at S.E. Linfield Ave. and Blaine St., McMinnville. See above for directions. For more information, contact Dave at 503-843-4338.

May 19, June 23, July 28, Saturdays, 9-11 am

Work Party: Native Plant Garden.

Work around the Carnegie Building with a congenial crew to maintain the beauty of this mature demonstration garden. Bring gloves, bucket, and gardening tools if you have them. Location: McMinnville Public Library, see above for details. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

May 26, Saturday, 10 am -3 pm

Community Event: Wildflower Show and Native Plant Sale.

The Cheahmill Chapter will celebrate its 20th anniversary this year at this wildflower show. Chapter members scour Yamhill County for native plants, as many as possible in bloom, and fill the Carnegie Room of the library with color and fragrance. Species are identified by Latin name, common name, and plant family. Buy locally grown native plants and tour the native plant garden, which may offer some surprises this year. Location: McMinnville Public Library, see details above. Free admission. For

more information, contact Marna Porath at MPinAmity@gmail.com or 971-267-0058.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact co_president@NPSOregon.org. Find us on Facebook at facebook.com/CorvallisNPSO.

May 5, Saturday, 9:30-11 am

Field Trip: Woodpecker Loop at Finley Wildlife Refuge. Meet at the trailhead. For more information, contact Esther: estherco@peak.org or 541-754-0893.

May 12, Saturday, 8 am

Field Trip: Gerdemann Botanic Preserve. This private botanical garden in Yachats contains rare and unusual plants found in moist temperate regions of the world. The site is a 3.5 acre natural Sitka spruce/western hemlock forest with many native species and is richly under-planted with botanical specimens. The Preserve contains significant collections of magnolia and camellia, as well as Jim Gerdemann's hand-crossed tropical vireya rhododendrons. With luck, we will catch *Clintonia andrewsiana*, the redwood's clintonia, in bloom. The Gerdemann public trail passes through a wooded hillside facing the Pacific Ocean. Bring lunch and water, dress for the weather, and wear sturdy shoes. Location: meet for carpooling at the OSU Wilkinson Hall parking lot, southwest of the Beanery at 26th and Monroe. For more information and to RSVP, contact Dan Luoma: 541-752-8860 or luomad@fsl.orst.edu.

May 14, Monday, 7:30 pm

Meeting: Screening Native Willamette Valley Wildflowers for Attractiveness to Pollinators and Natural Enemies. Aaron Anderson is fascinated by native beneficial insect conservation. He will speak on understanding how such species use

urban green spaces as habitat, which can then inform us how to manage these areas. Location: Cordley Hall, room 2087 on the OSU campus. For more information, contact Judi: judi.sanders@gmail.com.

May 26, Saturday, 9 am-mid afternoon

Field Trip: Lower North Ridge.

Wear weather-appropriate clothes and sturdy shoes; bring lunch and water. Location: meet for carpooling at the OSU Wilkinson Hall parking lot, southwest of the Beanery at 26th and Monroe. For more information, contact Esther: estherco@peak.org or 541-754-0893, or Louise: patch1L@aol.com or 541-753-0012.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists & botanical information about Lane County plants & the people who love them.

Meeting location: The venue for programs this season is the Amazon Community Center at 2700 Hilyard St. in Eugene. Go to the M.L.I. Room in Building "C."

May 13, Sunday, 9 am-noon

Field Trip: Wildwood Falls and Lells Stewart Park. These two Lane County Parks are located on opposite sides of the Row River at scenic Wildwood Falls, southeast of Cottage Grove in the foothills of the western Cascades. Though only about 20 acres combined, the two parks have a diverse flora because of forest, riparian, and rock outcrop habitats. Location: meet at 9 am at 19th and Patterson in the South Eugene High School parking lot. For more information, contact Ed Alverson, 541-461-1958.

May 19, Saturday

Volunteer: Mount Pisgah Arboretum Wildflower and Music Festival. Help to collect, identify, and set up flora displays. We will start at 9 am and

continue throughout the day. Please contact Matt Groberg at 541-954-5334 if interested.

May 20, Sunday, 10 am-5 pm

Event: Mount Pisgah Arboretum Wildflower and Music Festival.

NPSO needs volunteers for the information booth. Contact Matt Groberg at 541-954-5334 if interested. Location: Mount Pisgah Arboretum, White Oak Pavilion. Directions: in South Eugene go east from I-5 at 30th Ave. and follow Seavey Loop Road to Mount Pisgah. For full Festival details, visit mountpisgaharboretum.com.

May 23, Wednesday, 4:30-6:30 pm

Wildflower Walk: Middle Fork Trail Spring. Fraser MacDonald, natural resources planner for Willamalane Park District, and Dave Predeek of NPSO lead a 3 mile walk from Dorris Ranch through the woods and along the river. Flora includes lilies, Indian paint brush, Oregon geranium, and many others. Bring drinking water. Location: meet at the Middle Fork Path trailhead at Dorris Ranch. In Springfield drive south on Pioneer Parkway and cross Main St. Continue south for another mile to the Dorris Ranch entrance gate. For more information call Dave at 541-345-5531.

June 9, Saturday, 9 am

Field Trip: Horse Rock Ridge. Alan Curtis leads a 3 mile hike to a steep, rocky meadow high in the Coburg Hills north of Springfield. Enjoy wonderful views of the surrounding countryside and great botanical diversity. Bring water and lunch. Location: meet at 19th and Patterson in the South Eugene High School parking lot. For more information, contact Alan Curtis at abcwoods1@gmail.com.

Filipendula

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or

contact Field Trip Chair Carla Cole,
carlajeancole@gmail.com.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, kb_president@NPSOregon.org.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

May 17, Thursday, 7 pm

Meeting: Science behind the Eagle Creek Fire Response. Steven Sobieszcyk, a hydrologist with USGS, will give a presentation. He was part of the BAER (Burned Area Emergency Response) team that explored the impacted area to assess the potential long-term effects of the Eagle Creek Fire of 2017. Location: Building One, Room 1.354, Columbia Gorge Community College, 400 E. Scenic Drive, The Dalles.

Portland

If you would like to receive the chapter's semi-official email newsletter, The Calochortus, email Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7:00 pm.
MEETING PLACE: TaborSpace

at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., Portland. We will meet in **Copeland Commons**; enter the church through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

May 9, Wednesday, 6-8 pm

Field Trip: Marquam Nature Park. Attune your senses to the beautiful native plants commonly found in the understory of our area's woodland and forest habitats. Geared for the novice-level native plant enthusiast, this hike is an opportunity to start becoming familiar with the native flora in Marquam Nature Park. We will cover a 1.2 mile loop with about a 300 ft. gain, on a trail that may be muddy. This hike will be held rain or shine. Limited to 6 participants. To register and for more information, contact leader Brenda Hamilton at nmpmidx@gmail.com.

May 10, Thursday

Program: Geobotanical Wonders of Central Oregon. Oregon's diverse plant life is a result of its diverse geology. Explore the wide variety of Central Oregon's botanical treasures and learn how they relate to the surrounding landscape. Dr. Stu Garrett will take us on an armchair tour of the rise of the Cascade Mountains, glacial sculpting of the ice ages, the Great Sandy Desert, and dramatic lands of lava. You will learn about some of Oregon's rarest plant species, including ones found only in Crook County. Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., see above for details.

May 11, Friday, 8 am

Field Trip: Cape Horn, Skamania, Wash. We will hike from Salmon Falls Rd. Park and Ride on Hwy 14 to Nancy Russell Overlook and back. This is a moderate hike of 5 miles round trip with a 700 ft. gain and some difficult footing. Lush woods,

fantastic views, and a wealth of spring wildflowers. Location: meet near Gateway Park and Ride in Portland at 8 am to carpool or at the trailhead at 9 am. Contact leader Willow Elliott for more information: salixsky@hotmail.com or 503-358-5848.

May 15, Tuesday, noon-1 pm

Urban Lunch Hour Walk: Tanner Springs. In this sunny "restoration ecology" setting in Tanner Springs Park, the parks department has gathered together some delightful native wildflowers you would have to travel far to see in their natural haunts. Leader Rick Shory has worked throughout the West as a Forest Service botanist. He will provide insights on the native plant species as we walk. Registration required; for more information and to register, visit meetup.com/NPSO-Portland.

May 27, Sunday, 8:30 am

Field Trip: Riverside Trail. We will hike along the Clackamas River, a mostly flat 7.8 miles round trip from Rainbow Campground to Riverside Campground and back. This tour is oriented towards beginning native plant enthusiasts and will be at a moderate pace. Please do some research and be prepared to tell us about one plant species or other aspect of natural history. We'll see wetland species and ancient forest floor spring ephemerals as we cross many tributary creeks to this river that supplies drinking water to some Clackamas County communities. Leader: Mary Vogel. Location: meet at Gateway Transit Center Garage. Sign up or ask questions on the NPSO Portland Meetup: meetup.com/NPSO-Portland.

June 9, Saturday, 9 am-4:30 pm

Field Trip: Larch Mountain. This is a moderate to strenuous hike of an approximately 7 mile loop with a gain of 1,300 ft. through mostly forest and some riparian habitat. We will view wildflowers that have emerged within the last several weeks from the

recent snow melt. Bring lunch and water. Contact leader Ron Klump, ronklump55@comcast.net, for more information or to sign up for the hike.

June 10, Sunday

Field Trip: Hot Springs Fork, Col-lawash River. We will hike 8.6 miles round trip to a viewpoint (or less if the group desires). Lots of rhododendron on this trail. For those wanting to soak at the end, bring bathing suit and \$5.00. This tour is oriented towards beginning native plant enthusiasts and will go at a moderate pace. Please do some research and be prepared to tell us about one plant species or other aspect of natural history. Leader: Mary Vogel. Sign up or ask questions on the NPSO Portland Meetup: meetup.com/NPSO-Portland.

June 14, Thursday, 7 pm

Program: Colorful Desert Jewels. Ginny Maffitt will give us a review of the 2018 American Penstemon Society meeting in Nevada. She will share photos from field trips into the red rock canyons and desert habitats as well as the Springs Preserve Botanical Garden where Las Vegas got its start. She will also tell us about her long project to have a rare *Penstemon*, found only in the Tualatin Valley, listed as a new species! Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., see above for details.

June 15, Friday, 5:30-8 pm

Field Trip: Green Infrastructure Bike Tour. For a trip preview, review the Stormwater Cycling Tour brochure, available online at portlandoregon.gov/bes/article/461343, though we won't do the whole 13 mile tour—or even to follow it exactly. Leader: Mary Vogel. Location: meet at the parking lot by SE Madison and SE Salmon (east of the Esplanade).

June 16, Saturday

Field Trip: Saddle Mountain. We will hike 5 miles round trip with a

1,600 ft. gain, at a botany pace (slow). This botanic gem near the coast has myriad species, including *Dodecatheon dentatum*, *Corydalis scouleri*, *Allium crenulatum*, *Lewisia columbiana*, *Sidalcea hendersonii*, *Polypodium scouleri*, and *Saxifraga caespitosa*. If we make it to the summit and the weather cooperates, we'll be treated to a view from Mt. Rainier to Mt. Jefferson. Plan for a full day. 160 mile round trip drive from Portland. To sign up, contact leader Rick Shory: rickshory@gmail.com or 503 253-8100.

Save the Dates!

June 23-24, Saturday-Sunday

Field Trip: Black Wolf Mountain/Anvil Lake

June 30, Saturday

Field Trip: Sister Rocks, Trapper Creek Wilderness

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2018, make a suggestion, or provide feedback regarding the field trip program, please contact Julie Spelletich at: jspelletich@gmail.com. Join us on Facebook at: [facebook.com/SiskiyouChapterNativePlantSocietyOfOregon](https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon).

May 17, Thursday, 7 pm

Talk: Pollinatorpalooza! Our May presentation will explore a diversity of relationships between native plants and native pollinators in southwest Oregon. Four presenters will share photos and provide insights into the fascinating world of pollination ecology and pollinator-native plant interactions, followed by a panel discussion. Presenters include: Dr. Carol Ferguson, Kristi Mergenthaler, Travis Owen, and Suzie Savoie. Refreshments at 6:45 pm, meeting and program at 7:00 pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information, contact

Alexis at alexis.brickner@gmail.com or 860-878-2049.

Umpqua Valley

Visit umpquavalleynativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-643-0364.

We are finalizing plans for our tentative schedule of field trips below. This information is subject to change, please call Donna Rawson at 541-643-0364 or check our Facebook page ([facebook.com/UmpquaValleyNPSO](https://www.facebook.com/UmpquaValleyNPSO)) for final details.

May 12, Saturday

Field Trip: Ragged Ridge, North Umpqua Hwy

May 19, Saturday

Field Trip: Callahan Meadows, Tiller

May 26, Saturday

Field Trip: Eight Dollar Mountain, Selma, Josephine County

June 2 or June 9, Saturday

Field Trip: Cougar Bluffs, Mace Mtn area

Willamette Valley

For program information, contact John Savage at 503-779-5414.

May 12, Saturday, noon-4 pm

Wildflower Walk: Silver Falls State Park Meadow. John Savage of the Willamette Valley Chapter and Catherine Alexander of the Straub Environmental Center and David Douglas Society will lead a family-friendly hike to view the camas, cluster lilies, monkey flowers, and other native plants in a remote meadow at Silver Falls State Park. This is a rain-or-shine event. Bring water, snacks, and appropriate foot gear and clothing for wet conditions. Location: meet at noon in the Willamette Heritage Center parking lot, 1313 Mill Street SE, Salem to carpool or at 1:15 pm in the South

Falls Lodge parking lot at Silver Falls State Park. Cost: \$5 suggested donation per person (free to members of NPSO and the David Douglas Society) or \$10 suggested donation per person if you ride in the shuttle van from the Heritage Center. Limited to ten participants, ages 10 and older. Pre-registration is required. To register and for more information, contact John Savage, John@straubcenter.org or 503-779-5414.

May 17, Thursday, 6-7 pm

Nature Talk: The History of Botanical Art. Since ancient Egypt, artists around the world have produced beautiful and accurate pictures of plants to identify and pass on knowledge for medicinal, culinary, warfare, and material purposes. Learn about the fascinating history of botanical art from noted artist Janet Parker. Parker will also share information about the Worldwide Day of Botanical Art, which will take place on May 18, 2018. Parker is founder and President of Oregon Botanical Artists and received her botanical art certification from the prestigious New York Botanical Garden. Salem-based botanical artist Aislinn Adams will join Parker to offer her thoughts on botanical art through stories about her personal pathway to becoming an illustrator. Reception to follow. Location: Eco Hub, 1313 Mill Street SE, Salem, at the Willamette Heritage Center. Cost: \$5 suggested donation per person at the door. Seating is limited. No registration or RSVP required. For more information, contact John Savage, John@straubcenter.org or 503-779-5414.

William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or susanmgeer@gmail.com. Our website is not currently functional.

Candidates, *cont'd*

and accounting manager for thirteen years. Prior to that she was the accounting manager for Jefferson Public Radio and had her own bookkeeping/accounting business for fourteen years, keeping books for many small businesses and nonprofits in the Southern Oregon area. She previously served as treasurer of Southern Oregon Land Conservancy and was also a board member of the Southern Oregon Child Study and Treatment Center. Currently she spends her time trekking through the Southern Oregon area and beyond trying to remember her botany from her years of study at SOU in the eighties.

Directors-at-Large:

Dan Luoma (Corvallis) has been a member of NPSO since about 1980. He has previously served as state president, vice president, and director-at-large. His academic training is in

ecological plant geography. Dan is a professor, specializing in forest mycology, with the Department of Forest Ecosystems and Society at Oregon State University. Dan has taught mycology at OSU and a course on forest mycology through the Siskiyou Field Institute and Southern Oregon University. Primarily, he pursues research on the diversity of truffles and mushrooms in the forests of the Pacific Northwest.

Stephen Meyers (Corvallis) grew up and spent his early adulthood in New York. He relocated to Oregon in 2001, thereafter receiving his MS in Genetics (2005) and PhD in Botany (2010) at Oregon State University. He is currently the taxonomic director of OregonFlora (aka Oregon Flora Project), a position he has held since 2010. Stephen has long-held interests in rare plant research and political activism.



New Websites Coming Soon

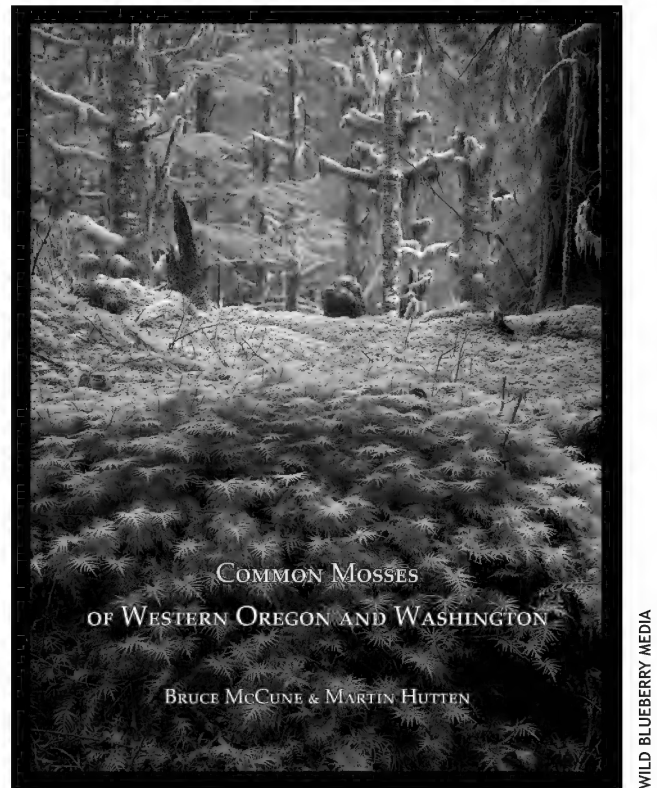
Both NPSO and OregonFlora are updating their websites. Look for details in the June *Bulletin* about the NPSO website redesign and new enhancements that we expect will be available this summer. Linda Hardison of OregonFlora writes: "Our website redesign is still in the works. We continue to orchestrate Symbiota programmers, graphic designers, our database managers, and countless workers and volunteers to expand existing tools and design new ones that will present our data in meaningful ways. Our revised launch date is later this summer."

Erratum

Many of you likely caught the following factual error in last month's *Bulletin*. The article about this year's Glide Wildflower Show talks in the April *Bulletin* incorrectly described *Kalmiopsis leachiana* and *K. fragrans* as "the only vascular plants endemic solely to Oregon." The correct description is "*Kalmiopsis leachiana* and *K. fragrans*, the only vascular plants in a genus that is endemic solely to Oregon."

New Guide Books for Oregon and Washington

Common Mosses of Western Oregon and Washington, by Bruce McCune and Martin Hutten, is a new guide book that will keep you outdoors during the rainy season. The publisher, Wild Blueberry Media, describes this guide as follows: "The book is aimed at serious amateurs, naturalists, and professional botanists at beginning to intermediate levels. It includes 200 species in 100 genera, with keys; 529 micro- and macro-scale color photographs; notes on distribution, abundance, and habitats; and an illustrated glossary. Brief descriptions of each species are embedded in the keys." For more information and to purchase a copy, visit wildblueberrymedia.net. *Microlichens of the Pacific Northwest*, published in 2017, is also available from Wild Blueberry Media.



50 Hikes with Kids: Oregon and Washington, by Wendy Gorton, is your new companion for youthful outings. This guide book features NPSO, native plants, and identification strategies. The hikes are less than four miles long, with no more than a 900 ft. gain to keep little legs happy. Publisher Timber Press notes: "Every entry includes the essential details: easy-to-read, trustworthy directions, a detailed map, hike length and elevation gain, bathroom access, and where to grab a bite to eat nearby. Full-color photographs highlight the fun things to see along the trail." The author will hold a family adventure talk at Powell's on Burnside, Portland, Saturday, May 12 at 2:00 pm. For more information or to preorder a signed copy of the book, visit powells.com/calendar.

Is the e-Bulletin for You?

We are pleased to offer the option to receive the *Bulletin* in electronic form. An email would be sent to you with the *Bulletin* attached as a PDF file and a link from which you can access the file on the Web. This e-Bulletin would replace the paper copy you receive every month in your mailbox. If you would like to receive the e-Bulletin rather than the paper copy, please email membership@NPSOregon.org from the email address at which you want to receive it. Also, include your name as it appears on the mailing label of your paper copy.

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____
Address _____
City _____ State _____ Zip+4 _____
Phone _____ E-Mail _____
Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

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City _____ State _____ Zip+4 _____

☐ Check to receive electronic *Bulletin*, sent by email in lieu of paper.

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Native Plant Society of Oregon
Margaret Conover, Membership Chair
P.O. Box 902
Eugene, OR 97440

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

- ☐ New ☐ Renewal
☐ Student – \$12 ☐ Regular – \$25 ☐ Family – \$35
☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500
☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund	\$ _____
Leighton Ho Memorial Field Botany Fund	\$ _____
Augusta Rockafellar Memorial Scholarship	\$ _____
Rare and Endangered Plant Conservation Fund	\$ _____
Friends of the Oregon Flora Project	\$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

OFFICERS & COMMITTEE CHAIRS

STATE OFFICERS

DIRECTORS.....	Thea Cook Jaster, Michael McKeag, Zak Weinstein (to 6/2018); Dawn Anzinger, Alexis Brickner, Esther McEvoy (to 6/2019)
PRESIDENT	Lisa Blackburn president@NPSOregon.org ; 503-538-3976
IMMEDIATE PAST PRESIDENT.....	Kelli Van Norman..... past_president@NPSOregon.org
VICE PRESIDENT	Dan Luoma vice-president@NPSOregon.org ; 541-752-8860
SECRETARY.....	Steven Yeager..... secretary@NPSOregon.org ; 541-521-3964
TREASURER.....	Cyndi Dion treasurer@NPSOregon.org

CHAPTER PRESIDENTS

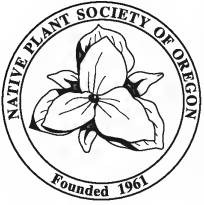
CHEAHMILL	Lisa Blackburn ch_president@NPSOregon.org ; 503-538-3976
CORVALLIS.....	Judi Sanders co_president@NPSOregon.org
EMERALD (Eugene).....	ShyAnne Groberg..... em_president@NPSOregon.org
FILIPENDULA	Kathleen Sayce fi_president@npsoregon.org ; 360-665-5292
HIGH DESERT (BEND).....	Susan Berger hd_president@NPSOregon.org
KLAMATH BASIN.....	Todd Kepple kb_president@NPSOregon.org
MID-COLUMBIA	Sara Wu mc_president@NPSOregon.org
PORTLAND.....	Alix Daniels po_president@NPSOregon.org ; 406-666-7888
SISKIYOU	Dave Garcia si_president@NPSOregon.org
UMPQUA VALLEY (Roseburg).....	Neal Hadley uv_president@NPSOregon.org ; 541-679-8889
WILLAMETTE VALLEY (Salem)	John Savage wv_president@NPSOregon.org ; 503-779-5414
WM CUSICK (La Grande)	Susan Geer wc_president@NPSOregon.org

STATE COMMITTEE CHAIRS

BUDGETS AND GRANTS	Dan Luoma..... 5 NW Edgewood Dr., Corvallis, OR 97330; 541-752-8860
CONSERVATION	Billy Don Robinson bdmeme@gmail.com ; 503-515-1708
FRIENDS OF OR FLORA PROJECT	Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu ; 541-737-4338
LEGISLATIVE	Billy Don Robinson bdmeme@gmail.com ; 503-515-1708
MEMBERSHIP.....	Margaret Conover..... P.O. Box 902, Eugene, OR 97440; membership@NPSOregon.org
NPSO FELLOWS.....	Cindy Roché and Karen Sturgeon fellows@npsoregon.org
RARE & ENDANGERED PLANTS.....	Jason Clinch..... rareplants@npsoregon.org

PUBLICATIONS

BULLETIN EDITOR.....	Erika Wedenoja..... bulletin@NPSOregon.org
BULLETIN PRODUCTION	Cat Mead cat@featherforge.com
PUBLICATIONS COMMITTEE CHAIR	Cindy Roché..... kalmiopsis@NPSOregon.org
WEBMASTER	Sunia Yang webmaster@NPSOregon.org



Send change of address notices
and membership requests to:

Native Plant Society of Oregon
Margaret Conover, Membership Chair
P.O. Box 902
Eugene, OR 97440

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Friends of OregonFlora

It's springtime, and the waves of blooming wildflowers are an inspiration to get outdoors and explore! The OregonWildflowers plant identification app is a great tool to help you identify plants you're likely to encounter throughout the state. It works on Apple and Android mobile devices without an internet connection once downloaded. Purchase your copy through Google Play or the iTunes app store; a portion of the proceeds support OregonFlora program expenses.

www.oregonflora.org We will be publishing Version 1.8 of the Oregon Vascular Plant Checklist this month. It reflects 169 taxonomic changes; many of which result from the preparation of Volume 2 of *Flora of Oregon*. The summary of checklist changes will be posted at <http://oregonflora.org/checklist.php>, and all web tools will reflect the nomenclatural changes upon its dated posting.

The contributions of your time and talent keeps OregonFlora progressing. We welcome your support! Contributions can be made online (www.oregonflora.org/supportOFP.php) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.

2018 NPSO State Board Ballot

Please mark and return your ballot (postmarked by May 25, 2018) to:

NPSO Ballot Committee
C/O Dick Brainerd
1377 NW Alta Vista Dr.
Corvallis, OR 97330

Brief biographies of the candidates appear in the May *Bulletin*. Newly elected individuals take office at the conclusion of the Annual Meeting.

PRESIDENT

Lisa Blackburn _____

write in: _____

VICE PRESIDENT

Thea Jaster _____

write in: _____

SECRETARY

Steven Yeager _____

write in: _____

TREASURER

Cyndi Dion _____

write in: _____

DIRECTORS-AT-LARGE (vote for 3)

Dan Luoma _____

write in: _____

Stephen Meyers _____

write in: _____

Position 3 is without a candidate

write in: _____



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 51, No. 5

JUNE 2018

A New Face for NPSO!

by the NPSO Website Committee

We are very excited to inform you that NPSO will be launching a new website this summer. In addition to updated content, the site will have a fresh, modern look.

We have long wanted to offer a blog on our website. The new site will turn this into a reality. *The Oregon Semaphore* will offer articles about plants, field trips, and reports on recent NPSO events.

Our own NPSO iNaturalist (photo and observations sharing) project will launch, where members can post plant photos and discuss identifications in addition to seeing their own and others' mapped observations. For an advance primer on this powerful and engaging set of citizen science tools, please visit inaturalist.org. Sign up on their home

page and click the 'Get Started' button to learn more.

There will be links to useful tools on the OregonFlora (oregonflora.org) website, which is also being redesigned. Their photo gallery, spatial mapping module, and search tool to identify native species suitable for your garden are a click away.

Our administrative arm will also be strengthened through the new website. Membership sign-up and renewals will be managed in an integrated system that will simplify and improve NPSO operations. The new website will have a dynamic and interactive calendar showing all state-wide and chapter events. Events will be color-coded by chapter and include a toggling function to customize which chapter's events an individual user would like to view. Events will show detailed pop-up descriptions when clicked. The calendar and/or individual events can be linked or exported to integrate with various personal calendar platforms (e.g.: Google, Yahoo, iCal, Outlook). Lastly, registration for events through the calendar is an optional function that will require submitting the member's name and email address.

Next year we plan to add an interactive forum for discussions, organized by topic. Online annual meeting sign-up will be managed through EventBrite via a link from our website.

Who is designing this website? We were very fortunate to find an independent company in Portland, Rareheron Web Design (rareheron.com), which specializes in science-based websites and has worked extensively with non-profit

organizations. Their team has been very enthusiastic about working on this project. We have enjoyed our partnership with Rareheron.

This website is our face to the world. It is an effective means to educate, energize, and motivate our members as well as invite potential new members to join us and become involved. We will rely on help from members to feed content and oversee management of certain parts (think blog posts, iNaturalist curation, calendar maintenance). If you are interested in getting involved, you don't need to be a computer geek to engage! Please contact the website committee at theajaster@gmail.com.

Stay tuned!

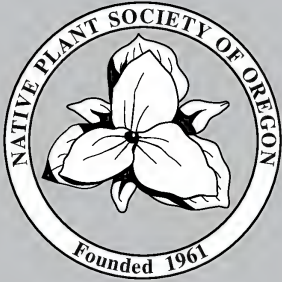


Ueber den Pollen, Tab VIII

CARL JULIUS FRITZSCHE, COURTESY OF ARCHIVE.ORG

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

npsolist@lists.npsoregon.org

For more information and to subscribe, visit <http://npsoregon.org/discussionlist.php>

General Business Address and Membership Inquiries

P.O. Box 902
Eugene, OR 97440

Send Membership inquiries Attn:
Margaret Conover, Membership
Chair

To correspond directly with Officers
and Committee Chairs, see the list
on the inside of the back page.

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Opinions expressed in this publica-
tion are those of the authors of the
articles. They do not represent the
opinions of the Native Plant Society
of Oregon, unless so stated.

Botany consists in the gathering of plants, and the dismembering of them, in connection with the use of a complicated terminology. That is the beginning and end of botany as it is understood by the majority...

-Herbert Maule Richards, from *Torrey: A Monthly Journal of Botanical Notes and News*, Volume 8 (1908)

April 2018 State Board Meeting Highlights

by Steven Yeager, State Secretary

The NPSO quarterly State Board Meeting was held on Saturday, April 7, 2018, hosted by the Siskiyou Chapter in Talent, Oregon.

Annual meeting 2018 update: The Annual Meeting registration is full! We're putting final touches on planning and logistics, and looking forward to a great weekend of hikes, presentations, and native plant socializing!

Treasurer's report: The budget is doing well. Membership dues for the first quarter of 2018 are increased from the prior year by 3%.

Website committee: the website committee has been meeting on a regular basis and continues progress for the launch of the new NPSO website.

OregonFlora: Volume 2 of *Flora of Oregon* is expected to publish by the end of this year or early next year. The new OregonFlora website will go public in the near future.

Fellows committee: The board approved the nomination of Barbara Mumblo as the next NPSO Fellow. The Fellows committee is happy to report that Barbara ranked very high in the criteria developed for the Fellows Award.

New High Desert Chapter President

Please welcome Jennifer Curtis as the new High Desert Chapter President. Thank you to Susan Berger for filling in as interim president.

NPSO Chapter Presidents: Are you passing your duties on to a new president? Email a notice to the State Board listserve so we can all stay up to date.

Bulletin Seeks New Editor

NPSO needs a new editor for its statewide *Bulletin* newsletter. The *Bulletin* editor is among the first to hear the news and you will get to know your fellow NPSO members as you coordinate submissions. A degree in botany is not necessary, just an interest in native plants, good organizational skills, and an eye for detail. You should also have a computer and internet service as most communications are via email. The *Bulletin* is published 10 times a year and requires about 15 hours of editorial work per issue. Additional volunteers are in place to prepare the newsletter layout, printing, and mailing. A description of the *Bulletin* editor position is on page 7 of the Board Handbook, available online at <http://npsoregon.org/documents/NPSOBoardHandbook.pdf>. If you are interested, please contact the current editor at bulletin@npsoregon.org for more information.

NPSO CALENDAR

State Notes

NPSO Annual Meeting 2018

June 1-3, Friday-Sunday

The next Annual Meeting will be co-hosted by the Portland and High Desert Chapters June 1-3, Friday-Sunday, in Prineville. Details in the March *Bulletin* and online at 2018.npsoregon.org. Please note that registration is now full.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@wtechlink.us.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

Meeting and work party location:

Carnegie Room, McMinnvill Public Library, 225 NW Adams St. (corner of Highway 99W and SW Second St.), McMinnvill. The library parking lot may be entered from either Adams or Second street.

June 23, July 28, August 25, Saturdays, 9-noon

Work Parties: Native Plant Garden at McMinnvill Public Library.

Plan to spend a couple hours with a congenial crew around the Carnegie Building! You will help maintain the beauty, diversity, and educational value of this mature demonstration garden. Bring gloves, bucket and gardening tools if you have them. Location: McMinnvill Public Library, see above for details. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact co_president@NPSOregon.org. Find us on Facebook at facebook.com/CorvallisNPSO.

June 16, Saturday, 9 am

Field Trip: Mary's Peak. Led by Phil

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. A sample waiver form is available at http://npsoregon.org/documents/NPSO_waiver.pdf. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12. A trip leader checklist and sample waiver form are available at: <http://npsoregon.org/calendar.html>

Hays and Esther McEvoy. We will hike from the campground through the noble fir forest to the rock garden on the summit. Note this hike does gain elevation to the summit. There should be a lovely display of flowering plants. Be prepared for any weather condition and bring a lunch and water. We will be back mid-afternoon. Location: Meet at the parking lot southwest from the Monroe St. Beanery. For more information contact Esther at 541-754-0893 or estherco@peak.org.

July 7, Saturday, 8 am

Field Trip: Iron Mountain and Cone Peak. Hike the Iron Mountain-Cone Peak loop, identifying wildflowers in this botanical hotspot. We will return in the late afternoon. Bring a lunch and water, dress for the weather, and wear sturdy shoes. Location: meet at the OSU Wilkinson Hall parking lot southwest of the Beanery at 26th and Monroe. For more information and to RSVP, contact Dan: 541-752-8860 or luomad@fsl.ors.edu.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists & botanical information about Lane County plants & the people who love them.

Meeting location: The venue for programs this season is the Amazon Community Center at 2700 Hilyard St. in Eugene. Go to the M.L.I. Room in Building "C."

June 9, Saturday, 9 am

Field Trip: Horse Rock Ridge. Alan Curtis leads a 3 mile hike to a steep, rocky meadow high in the Coburg Hills north of Springfield. Enjoy wonderful views of the surrounding countryside and great botanical diversity. Bring water and lunch. Location: meet at 19th and Patterson in the South Eugene High School parking lot. For

more information, contact Alan Curtis at abcwoods1@gmail.com.

June 19, Tuesday, 5:30 pm

Meeting: Potluck and Programming Planning Session. All Emerald Chapter members are invited to this Potluck for socializing and providing input for speakers at next year's programs. Gail Baker and Clay Gautier will host this planning potluck in their beautiful native plant garden. Bring a main dish or salad to share. We hope you can join us! Location: 350 East 32nd Ave., Eugene. Please park on street or ride your bike and walk around west side of house through backyard. For more information call 541-344-8377.

July 7, Saturday, 9 am-4 pm

Field Trip: Upper Elk Meadows. Alan Curtis leads this hike, located about 30 miles from Cottage Grove at 4,000 feet elevation. Over 200 species of vascular plants have been identified here. We expect to see *Frasera umpquaensis* and several orchid species. Surrounding the meadow is an old growth forest of *Abies amabilis*, *Abies grandis*, and *Pseudotsuga menziesii*. We will walk 1.5 miles through moist meadow. Wear boots and bring lunch and water. Location: meet at South Eugene High School at 19th and Patterson. For more information, call Alan Curtis at 541-345-2571 or email abcwoods1@gmail.com.

Filipendula

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, carlajeancole@gmail.com.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, kb_president@NPSOregon.org.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

Portland

If you would like to receive the chapter's semi-official email newsletter, The Calochortus, email Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7:00 pm. **MEETING PLACE: TaborSpace at Mt. Tabor Presbyterian Church,** 5441 SE Belmont St., Portland. We will meet in **Copeland Commons;** enter the church through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

June 9, Saturday

Field Trip: Larch Mountain. CANCELED BECAUSE OF TRAIL CLOSURE.

June 10, Sunday

Field Trip: Hot Springs Fork, Collawash River. We will hike 8.6 miles round trip to a viewpoint (or less if the group desires). Lots of rhododendron on this trail. For those wanting to soak at the end, bring bathing suit and \$5.00. This tour is oriented towards beginning native plant enthusiasts and will go at a moderate pace. Please do some research and be prepared to tell us about one plant

species or other aspect of natural history. Leader: Mary Vogel. Sign up or ask questions on the NPSO Portland Meetup: meetup.com/NPSO-Portland.

June 14, Thursday, 7 pm

Program: Colorful Desert Jewels. Ginny Maffitt will give us a review of the 2018 American Penstemon Society meeting in Nevada. She will share photos from field trips into the red rock canyons and desert habitats as well as the Springs Preserve Botanical Garden where Las Vegas got its start. She will also tell us about her long project to have a rare *Penstemon*, found only in the Tualatin Valley, listed as a new species! Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., see above for details.

June 15, Friday, 5:30-8 pm

Field Trip: Green Infrastructure Bike Tour. For a trip preview, review the Stormwater Cycling Tour brochure, available online at portlandoregon.gov/bes/article/461343, though we won't do the whole 13 mile tour—or even follow it exactly. Leader: Mary Vogel. Location: meet at the parking lot by SE Madison and SE Salmon (east of the Esplanade).

June 16, Saturday

Field Trip: Saddle Mountain. We will hike 5 miles round trip with a 1,600 ft. gain, at a botany pace (slow). This botanic gem near the coast has myriad species, including *Dodecatheon dentatum*, *Corydalis scouleri*, *Allium crenulatum*, *Lewisia columbiana*, *Sidalcea hendersonii*, *Polypodium scouleri*, and *Saxifraga caespitosa*. If we make it to the summit and the weather cooperates, we'll be treated to a view from Mt. Rainier to Mt. Jefferson. Plan for a full day. 160 mile round trip drive from Portland. To sign up, contact leader Rick Shory: rickshory@gmail.com or 503 253-8100.

June 23-24, Saturday-Sunday

Field Trip: Black Wolf Mountain/

Anvil Lake. This is a great opportunity to view bog and marsh wildflowers in a secluded setting. Conditions are wet, bring waterproof footwear. We are hoping for shooting stars, bog orchids, camas, *Caltha*, *Kalmia*, marsh violets, monkshood, elephant's head, and sundews. Hike 2.6 miles round trip with about 170 ft. gain/loss. High Rock is a short drive up the road and will be an afternoon or evening hike. Sweeping views with many rock and cliff loving plants including several penstemons, saxifrages, lilies, and paintbrushes. Hike two miles round trip to the summit with about 315 ft. gain/loss. There is an optional camp-out Saturday night. On Sunday we will explore areas nearby (perhaps Signal Peaks, Wolf Peak, or Pyramid Lake). Drive is about two hours one way from Portland through Estacada and Ripplebrook on Highway 224. Co-leaders: Clarice Johnston and Jason Clinch. To sign up, contact Beth Magnus, 503-706-5108 or magnuselisabeth@gmail.com. For plant lists and camping details, contact Jason Clinch, 503-706-2404 or jason.clinch@gmail.com.

June 30, Saturday

Field Trip: Sister Rocks, Trapper Creek Wilderness. The 5,969 acre Trapper Creek Wilderness protects nearly all of the Trapper Creek drainage and provides critical anadromous fish habitat in the Wind River watershed. We will take the Sisters Rocks trail from Rd. 5800 to the top of Observation Peak, passing through a silver fir nature preserve on the way. If we make the entire trip, it is 5.6 miles round trip with a 1,390 ft. gain. Expect plants of the old growth forest along the way and bear grass, penstemons, paintbrush, gentians, and *Campanula* on the higher rocky outcrops. Led by Nancy Chapman and Willow Elliott. To sign up and for carpooling information, contact chapmannj@comcast.net.

July 8, Sunday

Field Trip: Top Spur Trail near Lolo Pass. Hike 2.5 miles round trip at 4,000 ft. with slight elevation gain. Views of Mt. Hood, the headwaters of the Sandy River, and a rainbow of native alpine flowers. Those with vertigo take notice: narrow trail in places with steep drop offs and rocky wet meadows. One hour to the trailhead from NE Portland. Carpool drivers need high clearance for the last few miles of potholes. Limited to 10 participants due to wilderness area restrictions. Co-led by Bark and NPSO, Contact Willow Elliott for more information, salixsky@hotmail.com.

July 11, Wednesday, 6:30-8 pm

Field Trip: Tualatin Hills Nature Park. Join us on an easy walk to learn about and appreciate the native plants that make their home in Tualatin Hills Nature Park, a beautiful and diverse wildlife refuge located in the heart of Beaverton. With its wetlands, forests, and streams, this park enables visitors to appreciate native plants in a variety of natural settings. Our botanist guide will be sharing insights as we stroll. We will walk 1–1.5 miles on paved and unpaved trails with minimal elevation change. Held rain or shine. Registration limited to 12. Leaders: Rick Shory and Brenda Hamilton. To register, please contact Brenda, bhamilt86@yahoo.com.

July 14, Saturday, 9 am

Field Trip: Lookout Mountain, Badger Creek Wilderness. Hike 2.9 miles round trip with views from Mt. Adams to the Three Sisters. Wildflowers, geology, meadows. Elevation gain, 565 ft. to top at 6,525 ft. Location: meet at 9 am at ODOT parking lot across from Grace Su's restaurant, intersection of Hwy 35 and Historic Columbia River Hwy. Or meet at 10:30 am at Lookout Mtn. trailhead. Driving directions: Highway 35 south to Road 44 (paved) to Road 4410 (gravel) six miles to "T" junction, turn left, .25 mile to trailhead. About 30

miles from Hood River to trailhead. Leader: Jurgen Hess, professional photographer and native plant specialist, hess@gorge.net.

Save the Date!

July 22, Sunday, 8 am

Field Trip: Top Lake to Double Peaks. We will hike 5.3 miles round trip with good views in the Ollalie Lakes Scenic Area, Mt. Hood National Forest. This tour is oriented towards beginning native plant enthusiasts and will go at a moderate interpretive pace. Please do some research and be prepared to tell us about one plant species or other aspect of natural history. Leader: Mary Vogel. Location: meet at Gateway Transit Center Garage. Sign up or ask questions on the NPSO Portland Meetup: meetup.com/NPSO-Portland.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyounpsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2018, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, detweiler.katelyn@gmail.com. Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>

June 9, Saturday, 2:30 pm

Volunteer: Fourth Annual Star Thistle Pull at Mariposa Preserve. Join NPSO, KS Wild, Friends of the Cascade-Siskiyou National Monument, and the Medford BLM for an invasive weed pull in the Mariposa Preserve just outside of Ashland. We will continue to clear yellow star thistle in the habitat of the rare Green's mariposa lily (*Calochortus greenii*) and observe wildflowers along the way. Volunteers will gather for pizza and drinks at Caldera Brewery around 6:30 pm following the event. Location: meet at 2:30 pm to carpool from Clover Lane,

Ashland (meet in front of El Paraiso restaurant). For more information or to sign up contact Katelyn Detweiler, Detweiler.katelyn@gmail.com.

June 9, Saturday, 9 am-Noon

Volunteer: Let's Pull Together. We will remove Scotch broom, yellow starthistle, and other invasive plants at Rogue River Preserve and Dodge Bridge County Park. Let's Pull Together is hosted in towns across the West Coast. The Jackson County Weed Management Area (rogueweeds.info) is hosting this local, family-friendly event. Free snacks, t-shirts, and stickers provided. Bring long pants, gloves (if you have them), water, sunscreen, and sun hat. Co-sponsored by the Siskiyou Chapter. Location: Eagle Point. Please register for exact meeting location, and directions. Sign up at landconserve.org/events.

June 16, Saturday, 10 am-Noon

Volunteer: Urban Wildflower Seed Collection. NPSO will partner with Rogue Native Plant Partnership and Oregon Department of Wildlife to collect wildflower seed from an urban lot that is posted for sale off Hwy 62 in Medford. Camas (*Camassia quamash*), blow wives (*Achyraea mollis*), and seablush (*Plectritis congesta*) are among the seeds we will be collecting. Some seed collection supplies will be supplied. For more information or to sign up, contact Katelyn Detweiler, Detweiler.katelyn@gmail.com.

Mid-June

Workshop: Bumble Bee ID. Date and time TBD.

July 4, Wednesday, 10 am-4 pm

Wildflower Show: Irene Hollenbeck Memorial. This annual wildflower show features over 300 species of native flowers from the volcanic Cascades, the much older Siskiyou, and the valleys in between. Come meet some of our beautiful mountain flowers! Free admission. Coordinated by the Siskiyou Chapter. Location: Ashland Community Center, 59 Winburn

Way (across from Lithia Park in Ashland).

For more information contact Barb: bamumblo@gmail.com or 541-890-2091.

Umpqua Valley

Visit umpquavalleynativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-643-0364.

Field Trip Meeting Location: We meet at the Douglas County Courthouse, back parking lot on Fowler St. (side street) near Deer Creek to carpool or caravan. An alternate meeting site can be arranged if you live outside of Roseburg.

June 2, Saturday, 9:30 am-4 pm

Field Trip: Cougar Bluff. Chapter member Rod Trotter invites you to explore the area around Cougar Bluffs, which tops out at 4,700 ft. above the North Umpqua River up Wright Creek Road. There should be upper elevation forest wildflowers such as *Phlox adsurgens* (woodland phlox) and rock garden species such as *Gilia capitata* (bluefield gilia), *Penstemon cardwellii* (Cardwell's penstemon), *P. rupicola* (pink rock penstemon), *Sedum divergens* (spreading stonecrop) and *S. oregonense* (creamy stonecrop). Easy-to-moderate hiking. Bring appropriate foot gear and clothing, including a rain parka and fleece, lunch, water, and camera/tripod. 1.5 hours drive from Roseburg, high clearance recommended. Location: meet at 9:30 am at the Douglas County Courthouse, see above for details. We will leave at 10 am. RSVP to Donna, 541-643-0364, to verify our plans have not changed.

June 9, Saturday, 8:30 am-5 pm

Field Trip: King Mountain. This area has never disappointed photographers, hikers, or plant enthusiasts due to the variety of plant species. We expect to see several species of *Eriogonum*,

Sedum, *Penstemon*, *Fritillaria*, some unusual *Phacelia* and more. This is an easy stroll. Check our Facebook page for photos (facebook.com/UmpquaValleyNPSO). Bring lunch, water, and hiking gear. Location: meet at 9 am at the Douglas County Courthouse, see above for details. We will leave at 9:30 sharp. RSVP call or text Donna at 541-643-0364 the night before to be sure our plans have not changed.

June 16, Saturday, 9:30 am-3 pm

Field Trip: Bilger Ridge, Myrtle Creek, or Lake in the Woods. (We are reserving two weekends for Bilger Ridge. Final plans depend on the bloom time for the mariposa lily. See June 23 field trip for Lake in the Woods details) We are heading to Bilger Ridge near Myrtle Creek to see our very own mariposa lily, *Calochortus Coxii*. It only grows in a few isolated areas in Douglas County and is listed on Oregon's rare and endangered species list. Chapter member Ted Schattenkerk will escort us to an area where we can explore and take photos. Please join us. Dress for the weather, bring snacks and water. RSVP to Donna at 541-643-0364. Our plans can change depending on bloom time so please call the night before the field trip.

June 23, Saturday, 9:30 am-3 pm

Field Trip: Lake in the Woods or Bilger Ridge. (See June 16 field trip for Bilger Ridge details.) Lake in the Woods is located 20 miles up Little River Rd. from Glide. There are nearby hiking trails to scenic waterfalls (Yakso Falls Trail #1519). The area is alive with color in the spring when the rhododendrons, as well as many wildflowers, are in bloom. RSVP to Donna at 541-643-0364. Our plans can change depending on bloom time so please call the night before the field trip.

Willamette Valley

For program information, contact John Savage at 503-779-5414.

OTHER EVENTS

KS Wild

June 17, Sunday, 9 am-4 pm

Hike: Deer Creek Spring Wildflowers. Join KS Wild canvasser, Gary Powell, on a family-friendly hike starting on Deer Creek Road in the Kalmiopsis, for a 3-4 mile hike down to the Illinois River for lunch. Flowers in bloom may include cobra pitcher plants, white bog orchids, marsh gentian, saw toothed angelica, western azalea, blue lupine, sedum, and buttercup. Location: a carpool will be available from Ashland and Selma. For more details and to sign up, visit kswild.org/upcoming-events/2018/4/9/deer-creek-wildflower-hike.

Deschutes Land Trust

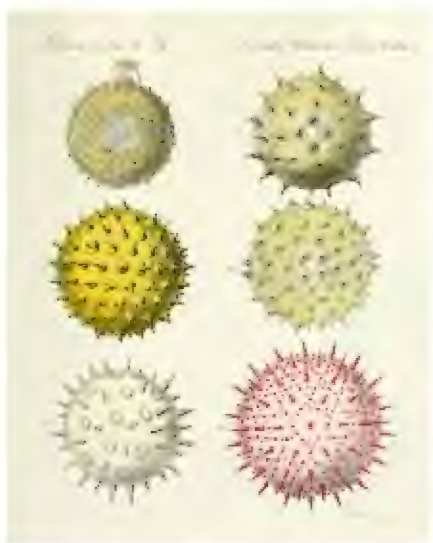
July 7, Saturday, 9 am-1 pm

Wildflower Walk: Willow Springs Preserve. Join Jane Meissner for an easy 1-2 mile walk through the meadow along Whychus Creek, at our new Willow Springs Preserve outside of Sisters. We will search for natives like bog orchid and Solomon's seal. We'll also scan the hillsides and drier portions of the Preserve for bright pink mariposa lilies. Bring lunch, water, sturdy hiking shoes. Dress for the weather. Registration required. For more hikes, information, and to sign up, visit deschuteslandtrust.org/hikes-events.

Siskiyou Field Institute

July 16-18, Monday-Wednesday

Class: Crash Course in Flowering Plant Families. Have you explored the local flora on your own and wished for botanical guidance? Would knowledge of plant systematics improve your effectiveness in your job? This intensive plant identification class will enhance your skills. We'll create a practical framework for learning by comparing traits of 50 plant families, learn how to key using the Jepson Manual and study names of local trees, shrubs and flowering plants. Morning lab and illustrated lectures will whet your appetite for botanizing afternoons in the field. Some plant keying experience is strongly recommended. Scholarships available for qualified students. Instructor: Linda Vorobik, Ph.D. Tuition: \$225. Location: Siskiyou Field Institute, Selma. For more information and to register, visit thesfi.org or call 541-597-8530.



CARL JULIUS FRITZSCHE, COURTESY OF ARCHIVE.ORG

Ueber den Pollen, Tab IX

June 9, Saturday, 9 am-5 pm

Field Trip: Mt. Hebo Nature and Wildflower Hike. Straub Environmental Center educators will lead a family-friendly hike to view the rare Coast Range fawn lily, Davidson's penstemon, rusty saxifrage, and other wildflowers of Mt. Hebo, near Grand Ronde. The four-mile nature walk (with 300 feet of gain) also features a stunning view of the ocean and a possible sighting of a Fender's blue butterfly. Bring lunch, water, and appropriate foot gear and clothing. Location: Meet in the parking lot at the Willamette Heritage Center, 1313 Mill Street SE, at 9:00 am. Transportation will be provided to and from the trailhead. Cost: \$10 for NPSO and David Douglas Society members, \$15 for non-members. Limited to 10, registration is required. For more information and to register, call John Savage at 503-779-5414 or email john@straubcenter.org.

William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or susanmgeer@gmail.com. Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.



CARL JULIUS FRITZSCHE, COURTESY OF ARCHIVE.ORG

Ueber den Pollen, Tab VI

Call for Nominations for 2019 Fellows Awards

by Kareen Sturgeon and Cindy Roché

The Fellows Award is the highest honor bestowed in our Society, recognizing NPSO members for their exceptional contributions to the Society. The award comes with a certificate of recognition and lifetime membership in the Society.

In addition to honoring the recipient, the Fellows Award informs the general membership of the good deeds and long-time commitment of some members in supporting our mission, as well as outstanding contributions to knowledge of native plants. The award

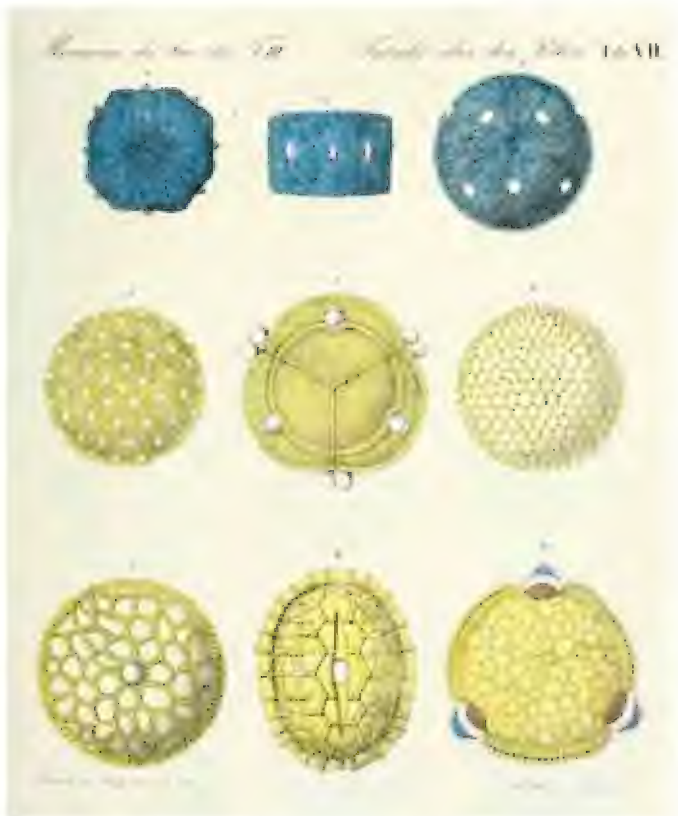
serves to inspire and encourage newer members to make their own contributions to the Society.

We hope that individuals who are approached for nomination for the award will accept this recognition of their accomplishments. It's important for others to understand what it takes to run an organization staffed entirely by volunteers.

Guidelines for Fellows nominations are available online at npsoregon.org/documents/NPSO_Fellows.4-4-16.pdf or by request from the Fellows Committee at fellows@npsoregon.org.

Nominations should be submitted to the Fellows Committee at that email address before December 31 (earlier submission is encouraged). Nominations must include an essay describing the nominee's accomplishments and a good quality digital photo of the nominee that is suitable for publication. The Fellows Committee will evaluate nominations that meet the submission criteria and recommend awardees to the State Board. Awards will be presented at the next Annual Meeting; biographies and photos of recipients will be posted on the NPSO website.

The images in this *Bulletin*, illustrations of magnified pollen, are a nod to allergy season. These plates are from the 1837 book *Ueber den Pollen*, by Carl Julius Fritzsche. The entire book is digitized and available for viewing and downloading at archive.org. Species in the illustrations are identified in the "Erklärung der Abildungen" section, which begins on page 108.



Ueber den Pollen, Tab XII

CARL JULIUS FRITZSCHE, COURTESY OF ARCHIVE.ORG

William Cusick Chapter Helps Restore Gangloff Park

The William Cusick Chapter is involved with ongoing native plant restoration at Gangloff Park in La Grande. This spring, they received volunteer help from young students, who made and threw "seed balls" that will sprout into native plants. Greater Hells Canyon Council helped coordinate the event; read more about it on their website: hellscanyon.org/single-post/2018/04/25/Who-Said-Conservationists-Cant-Be-Adorable.



Portland Chapter Meetup Group

The Portland Chapter of NPSO is sponsoring a Meetup group, as a supplement to posting wildflower hikes and other events in the *Bulletin*. Many additional events are posted on the Meetup that never appear on paper: Plant ID sessions, local novice plant walks, and hikes announced only a week ahead (we choose a day based on the ten-day forecast). If you join the Meetup, you can announce your own events, such as native plant sales, institutes, or other topics of interest. Send your event descriptions to one of the organizers. If possible, include a photo in landscape aspect, to illustrate what your event is about. Join the group at meetup.com/NPSO-Portland.

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____
Address _____
City _____ State _____ Zip+4 _____
Phone _____ E-Mail _____
Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

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☐ Check to receive electronic *Bulletin*, sent by email in lieu of paper.

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Native Plant Society of Oregon
Margaret Conover, Membership Chair
P.O. Box 902
Eugene, OR 97440

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

- ☐ New ☐ Renewal
☐ Student – \$12 ☐ Regular – \$25 ☐ Family – \$35
☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500
☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund	\$ _____
Leighton Ho Memorial Field Botany Fund	\$ _____
Augusta Rockafellar Memorial Scholarship	\$ _____
Rare and Endangered Plant Conservation Fund	\$ _____
Friends of the Oregon Flora Project	\$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

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STATE OFFICERS

DIRECTORS.....	Thea Cook Jaster, Michael McKeag, Zak Weinstein (to 6/2018); Dawn Anzinger, Alexis Brickner, Esther McEvoy (to 6/2019)
PRESIDENT	Lisa Blackburn president@NPSOregon.org , 503-538-3976
IMMEDIATE PAST PRESIDENT.....	Kelli Van Norman..... past_president@NPSOregon.org
VICE PRESIDENT	Dan Luoma vice-president@NPSOregon.org ; 541-752-8860
SECRETARY.....	Steven Yeager..... secretary@NPSOregon.org ; 541-521-3964
TREASURER.....	Cyndi Dion treasurer@NPSOregon.org

CHAPTER PRESIDENTS

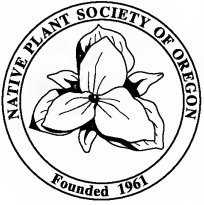
CHEAHMILL	Lisa Blackburn ch_president@NPSOregon.org ; 503-538-3976
CORVALLIS.....	Judi Sanders co_president@NPSOregon.org
EMERALD (Eugene).....	ShyAnne Groberg..... em_president@NPSOregon.org
FILIPENDULA	Kathleen Sayce fi_president@npsoregon.org ; 360-665-5292
HIGH DESERT (BEND).....	Jennifer Curtis..... hd_president@NPSOregon.org
KLAMATH BASIN	Todd Kepple kb_president@NPSOregon.org
MID-COLUMBIA	Sara Wu mc_president@NPSOregon.org
PORTLAND	Alix Daniels po_president@NPSOregon.org ; 406-666-7888
SISKIYOU	Dave Garcia si_president@NPSOregon.org
UMPQUA VALLEY (Roseburg).....	Neal Hadley uv_president@NPSOregon.org ; 541-679-8889
WILLAMETTE VALLEY (Salem)	John Savage ww_president@NPSOregon.org ; 503-779-5414
WM CUSICK (La Grande)	Susan Geer wc_president@NPSOregon.org

STATE COMMITTEE CHAIRS

BUDGETS AND GRANTS	Dan Luoma..... 5 NW Edgewood Dr., Corvallis, OR 97330; 541-752-8860
CONSERVATION	Billy Don Robinson bdmeme@gmail.com ; 503-515-1708
FRIENDS OF OR FLORA PROJECT	Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu ; 541-737-4338
LEGISLATIVE	Billy Don Robinson bdmeme@gmail.com ; 503-515-1708
MEMBERSHIP.....	Margaret Conover..... P.O. Box 902, Eugene, OR 97440; membership@NPSOregon.org
NPSO FELLOWS.....	Cindy Roché and Karen Sturgeon fellows@npsoregon.org
RARE & ENDANGERED PLANTS.....	Jason Clinch..... rareplants@npsoregon.org

PUBLICATIONS

BULLETIN EDITOR.....	Erika Wedenoja..... bulletin@NPSOregon.org
BULLETIN PRODUCTION	Cat Mead cat@featherforge.com
PUBLICATIONS COMMITTEE CHAIR	Cindy Roché..... kalmiopsis@NPSOregon.org
WEBMASTER	Sunia Yang webmaster@NPSOregon.org



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Opportunities still exist to sponsor a section of the upcoming volumes of *Flora of Oregon*! Select a species to help fund the preparation of its detailed description, or an illustration. Additionally, you can contribute to support one of the front chapters from either (or both) volumes. The OregonFlora website has lists of the taxa and chapters available, and a brochure to submit your sponsorship on our website at www.oregonflora.org/flora.php.

Volumes 2 and 3 of *Flora of Oregon* will complete our comprehensive reference about the plants of Oregon. Supplementing the printed Flora is our website, www.oregonflora.org, which presents interactive maps, images, and identification tools.

Funding for the direct operating expenses of the OregonFlora program comes exclusively from competitive grants and donations. The contributions people give of their time and financial resources are a critical part of our operating budget; please give generously!

Contributions can be made online (www.oregonflora.org/supportOFP.php) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 51, No. 6

JULY 2018

NPSO Fellow 2018: Barbara Mumblo

By Kristi Mergenthaler, Siskiyou Chapter

Barb Mumblo's family lived in five different states (never more than five years at any location) during her father's U.S. Air Force career. In 1975 she found her forever home in Oregon when she and her 6-year-old daughter visited Oregon. She was inspired to go back to school after participating in a plant hike on the Pacific Crest Trail at Mt. Ashland led by Dr. Frank Lang, a botany professor at Southern Oregon State College (SOSC, now Southern Oregon University). Barb finished her BS in Biology at SOSC in 1980 with enough classes in botany to qualify for botanist positions with the federal government.

Her first job was biological technician, gathering field data and monitoring rare plants for the Medford District Bureau of Land Management (BLM) from 1981–87. She then took a forestry

technician position with the Rogue River National Forest, which led to the district botanist position on the Applegate Ranger District within a couple of years. There she was responsible for "all things botanical," including managing the programs for rare plants, invasive species, fire rehabilitation, and restoration projects for bitterbrush and oak woodland communities. On New Year's Eve 2015 she retired as district botanist from the Siskiyou Mountains Ranger District (formerly the Applegate Ranger District), where she had served as botanist for 28 years, with occasional work on the Coast and in the High Cascades. She is best known as an advocate for the region's rare and endemic plants and for her work on noxious weeds, both as a professional botanist and as a volunteer.

For decades, Barb tirelessly tabled and presented community talks on identifying and controlling noxious weeds. She led or joined innumerable weed-pulling work parties and helped coordinate the annual Let's Pull Together educational noxious weed event with the Jackson County Weed Management Area. She took the lead in manually controlling a new threat, yellow floating-heart (*Nymphoides peltata*), in Little Squaw Lake, a project that involved removing plants and, with the help of scuba divers and volunteers in kayaks, covering the lake bottom with landscaping barrier fabric to prevent re-establishment by seed germination and rooting of fragments. Barb was recognized for her incredible service and received the 2002 Special Recognition

Award from the Oregon Department of Agriculture and the 2012 U.S. Forest Service Region 6 award for Invasive Plant Manager of the Year for outstanding dedication, professionalism, and effectiveness in combating weeds in the Pacific Northwest Region.

Barb joined NPSO in 1988, so has been a member of the Siskiyou Chapter for 30 years. She has volunteered in so many capacities that the following listing may not include all of them. At the State level, she served as NPSO Director-at-Large, 1989–91. At the Chapter level, she was President twice (1991–92 and 1996–97), Secretary/Treasurer (1988–89), and Field Trip Coordinator for four years (1991–95). Barb has also helped coordinate annual meetings, led numerous plant walks, collected and identified plants for the Siskiyou

continued on page 6

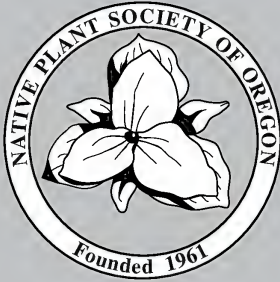


COURTESY OF BARB MUMBLO

Barb Mumblo

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

npsos@lists.npsoregon.org

For more information and to subscribe, visit <http://npsoregon.org/discussionlist.php>

General Business Address and Membership Inquiries

P.O. Box 902
Eugene, OR 97440

Send Membership inquiries Attn:
Margaret Conover, Membership
Chair

To correspond directly with Officers
and Committee Chairs, see the list
on the inside of the back page.

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Bulletin Getting a Makeover

By Lisa Blackburn, State President

Our current *Bulletin* editor, Erika Wedenoja, is stepping down due to her other time commitments. After months of seeking another volunteer, we still do not have a new *Bulletin* editor. Therefore, the July *Bulletin* will be the last issue in paper format (unless someone volunteers immediately to become editor). Based on this situation, at the June NPSO State Meeting the Board decided to proceed with an email-only *Bulletin* format. Many organizations have already converted to an email format for member communications. For example, see the Washington Native Plant Society's (WNPS) monthly email newsletter and how it links to their web-site's calendar, blog, events, etc. (<https://wnps2.org/latest-e-newsletter>).

The Board recognizes this is a big change for the *Bulletin* and will likely be up-setting for members who prefer to receive a printed copy. While we would like to continue the current format, doing so requires a large budget for printing and mailing (currently about \$800 per issue) as well as many additional hours of volunteer time to prep each issue for printing and mailing. We anticipate an email *Bulletin* format will be much less expensive, require less volunteer time, provide our members with event information that is more up-to-date and timely, and help reach a younger demographic.

The procedure for submitting content to the *Bulletin* editor is not changing at this time. Please continue to send your *Bulletin* submissions to Bulletin@npsoregon.org. As always, everyone is welcome to contribute articles, photos, illustrations, etc. to the *Bulletin*!

The new *Bulletin* will be emailed to all NPSO members. Those members who

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June 2018 State Board Meeting Highlights

By Lisa Blackburn, State President

Alix Danielsen agreed to set up a Google drive to store NPSO documents online.

The Portland Chapter has a proposal from a designer to update the membership brochure. The Board approved getting a draft redesign to review.

The Board agreed to update field trip guidelines and the liability waiver.

The Webmaster will continue to host NPSO subdomains and the listserves. The main website will be hosted on the Rareheron website (the company redesigning the NPSO website) at a cost of \$199 a year. The new website should be ready to go live in late August or September.

The Board discussed the *Bulletin* newsletter, and made the decision to go with an email only version since no one has volunteered to become the new editor. See separate article in this issue for more details.

Editor's Note

This is my last issue as *Bulletin* editor. While the *Bulletin* cannot exist without an editor, there are also many other volunteers who make this print newsletter possible. Writers, event coordinators, photographers, and illustrators create the content; the layout artist formats the content into an attractive newsletter; the membership chair manages mailing addresses and print counts; the mailing committee prepares the printed copies for mailing; the webmaster posts the chapter events and *Bulletin* PDF online. And every member, through a portion of his or her dues, contributes to the print budget. Thank you one and all, the *Bulletin* is truly a community effort.

NPSO CALENDAR

State Notes

State Board Meeting

October 13, Saturday, 10 am-2 pm

The next State Board meeting will be hosted by the Cheahmill Chapter. Location: Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Highway 99W and SW Second St.).

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@wtechlink.us.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

Meeting and work party location:

Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Highway 99W and SW Second St.), McMinnville. The library parking lot may be entered from either Adams or Second street.

July 28, August 25, September 22, Saturdays, 9-noon

Work Parties: Native Plant

Garden. Spend a couple hours with a congenial crew and get to know native plants with our new green plant markers. Learn how the beauty, diversity, and educational value of this mature demonstration garden is maintained with a minimum of effort. Bring gloves, bucket, and gardening tools if you have them. For more information, contact Catie Anderson, catie.fishback@gmail.com or 503-435-2401.

September 27, Thursday, 6:45-8:45 pm

Program: From Extinction to Recovery—Golden Paintbrush in the Willamette Valley. Tom Kaye, director of the Institute for Applied Ecology, will give a presentation on efforts to reintroduce *Castilleja levisecta* (golden paintbrush), to the Willamette Valley. The Institute is involved in several projects to restore our wetlands and upland

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. A sample waiver form is available at http://npsoregon.org/documents/NPSO_waiver.pdf. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12. A trip leader checklist and sample waiver form are available at: <http://npsoregon.org/calendar.html>

prairies. Reintroduction of rare and endangered species requires: 1. Developing successful methods for seed germination and plant propagation, 2. Field studies on success of direct seeding vs. transplants, and 3. Monitoring to evaluate site preparation strategies and the best micro-sites for planting. Location: McMinnville Public Library, see above for details.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact co_president@NPSOregon.org. Find us on Facebook at facebook.com/CorvallisNPSO.

July 7, Saturday, 8 am

Field Trip: Iron Mountain and Cone Peak.

Hike the Iron Mountain-Cone Peak loop, identifying wildflowers in this botanical hotspot. We will return in the late afternoon. Bring a lunch and water, dress for the weather, and wear sturdy shoes. Location: meet at the OSU Wilkinson Hall parking lot southwest of the Beanery at 26th and Monroe. For more information and to RSVP, contact Dan: 541-752-8860 or luomad@fsl.ors.edu.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists & botanical information about Lane County plants & the people who love them.

Meeting location: The venue for programs this season is the Amazon Community Center at 2700 Hilyard St. in Eugene. Go to the M.L.I. Room in Building "C."

July 7, Saturday, 9 am-4 pm

Field Trip: Upper Elk Meadows.

Alan Curtis leads this hike, located about 30 miles from Cottage Grove at 4,000 feet elevation. Over 200 species of vascular plants have been

identified here. We expect to see *Frasera umpquaensis* and several orchid species. Surrounding the meadow is an old growth forest of *Abies amabilis*, *Abies grandis*, and *Pseudotsuga menziesii*. We will walk 1.5 miles through moist meadow. Wear boots and bring lunch and water. Location: meet at South Eugene High School at 19th and Patterson. For more information, call Alan Curtis at 541-345-2571 or email abcwoods1@gmail.com.

Filipendula

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, carlajeancole@gmail.com.

July 21, Saturday, 10 am

Field Trip: Botany by Bike at Fort Stevens State Park. We will tour the biking trails at the park, from Parking Lot A south to C Lake, then north to the old Fort, and back to the starting point. The trail is paved and mostly level with a few low hills and bridges. Plants include introduced *Ammophila* species (two), as well as native species of dunes and coastal forests. We plan to finish in early afternoon. Bring your own bike, water, lunch and snacks. Location: meet at parking lot A at Ft. Stevens (on the road to the south jetty at the NW tip of the park). For more details contact Amy Hutmacher, amyh@nclctrust.org.

August 23, Thursday, 10 am

Field Trip: Paddle Tour of Blind Slough. The Nature Conservancy's (TNC) Blind Slough Swamp Preserve is the largest remaining Sitka spruce swamp in Oregon, growing in freshwater tidal habitat on the Columbia River. Catherine Dunn, TNC, and James Thompson, long time TNC volunteer at Blind Slough and other preserves, will guide us through this 900 acre preserve for a glimpse of the historic condition of much of the Lower Columbia River region. Bring your own canoe or

kayak, PFD, water, lunch and snacks. Location: meet at the Brownsmead Grange, 42280 Fish Lane, to launch on private property. We'll plan to explore until mid-afternoon. We may return to the Grange for a post-paddle chat about what we saw. For more details contact Amy Hutmacher, amyh@nclctrust.org.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, kb_president@NPSOregon.org.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

Portland

If you would like to receive the chapter's semi-official email newsletter, The Calochortus, email Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7:00 pm. **MEETING PLACE: TaborSpace at Mt. Tabor Presbyterian Church**, 5441 SE Belmont St., Portland. We will meet in **Copeland Commons**; enter the church through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

There will be no program meetings in July and August!

July 11, Wednesday, 6:30-8 pm

Field Trip: Tualatin Hills Nature Park. Join us on an easy walk to learn about and appreciate the native plants that make their home in Tualatin Hills Nature Park, a beautiful and diverse wildlife refuge located in the heart of Beaverton. With its wetlands, forests, and streams, this park enables visitors to appreciate native plants in a variety of natural settings. Our botanist guide will be sharing insights as we stroll. We will walk 1–1.5 miles on paved and unpaved trails with minimal elevation change. Held rain or shine. Registration limited to 12. Leaders: Rick Shory and Brenda Hamilton. To register, please contact Brenda, bhamilt86@yahoo.com.

July 14, Saturday, 9 am

Field Trip: Lookout Mountain, Badger Creek Wilderness. Hike 2.9 miles round trip with views from Mt. Adams to the Three Sisters. Wildflowers, geology, meadows. Elevation gain, 565 ft. to top at 6,525 ft. Location: meet at 9 am at ODOT parking lot across from Grace Su's restaurant, intersection of Hwy 35 and Historic Columbia River Hwy. Or meet at 10:30 am at Lookout Mtn. trailhead. Driving directions: Highway 35 south to Road 44 (paved) to Road 4410 (gravel) six miles to "T" junction, turn left, .25 mile to trailhead. About 30 miles from Hood River to trailhead. Leader: Jurgen Hess, professional photographer and native plant specialist, hess@gorge.net.

July 21, Saturday

Field Trip: Burnt Lake Interpretive Tour, Mt. Hood. We will hike 6.6 miles with a 1,420 ft. gain to High Point at 4,100 ft. Lady fern, devil's club, sword fern, starry solomon plume, oxalis, and bunchberry form a lush groundcover. The montane forest encircling the lake is composed of silver fir, cedar, hemlock, Sitka alder and mountain ash. Views of

multi-tiered Lost Creek Falls and Mount Hood reflected in Burnt Lake. Description adapted from oregonhikers.org/field_guide/Burnt_Lake_Hike. Register with leader Mary Vogel, mary@plangreen.net. Questions: call 503-245-7858.

July 22, Sunday, 8 am

Field Trip: Top Lake to Double Peaks, Ollalie Lakes Scenic Area: CANCELLED.

July 22, Sunday, 10:50 am

Field Trip: Sunday Parkways Green Loop Bike Tour. The Central City 2035 Plan envisions a loop park connecting nearly a dozen districts. We will ride the Green loop, which will run from the West End to Lloyd to South Waterfront, stopping by the Portland Art Museum, OMSI, the Rose Quarter and more. A draft map of the proposed route is available at portlandoregon.gov/transportation/article/676050. Location: Meet at Madison Plaza, near the Portland Art Museum streetcar stop on SW 10th Ave. Leader Mary Vogel will have a red bike helmet and a red platter on her rear bike wheel. To register, email mary@plangreen.net. Questions: call 503-245-7858.

September 13, Thursday, 7 pm

Program: Lichens of the NW

Bioregion. Andrea Montgomery is a botanist for the South District of Gifford Pinchot National Forest in Trout Lake, Wash. and a noted lichenologist. She will discuss the most common Pacific NW lichens and their habitats. Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., see above for details. A chance to identify these strange life forms the following morning on a field trip will also be offered, within an hour of Portland, carpooling arranged. If you are interested in the field trip, contact Willow Elliott, salixsky@hotmail.com.

Siskiyou

To join the Siskiyou Chapter email list: Send

an email, from the address at which you want to receive announcements, to announce-join@siskiyounpsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2018, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, detweiler.katelyn@gmail.com. Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>

July 4, Wednesday, 10 am-4 pm

Wildflower Show: Irene Hollenbeck Memorial. This annual wildflower show features over 300 species of native flowers from the volcanic Cascades, the much older Siskiyou, and the valleys in between. Come meet some of our beautiful mountain flowers! Free admission. Coordinated by the Siskiyou Chapter. Location: Ashland Community Center, 59 Winburn Way (across from Lithia Park in Ashland). For more information contact Barb: bamumblo@gmail.com or 541-890-2091.

Umpqua Valley

Visit umpquavalleynativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-643-0364.

Willamette Valley

For program information, contact John

Savage at 503-779-5414.

July 14, Saturday, 9 am-5 pm

Field Trip: Bugaboo Ridge Wildflower Hike. Straub Environmental Center educators and members of the Willamette Valley Chapter of NPSO will lead an all-day hike to view the wildflowers of Bugaboo Ridge, one of the premier wildflower hikes in the Central Oregon Cascades. The four-mile hike (with moderate elevation gain) passes through forest as well as dry, moist, and wet meadows, and features great views of Mt. Jefferson. Bring lunch, water, and appropriate foot gear and clothing. Location: Meet in the parking lot at the Willamette Heritage Center, 1313 Mill Street SE, Salem, at 9:00 am. Transportation will be provided to and from the trailhead. Cost: \$10 for NPSO and David Douglas Society members; \$15 for non-members. Cash or check accepted. Space is limited to 10 registrants, ages 12 and up. Registration is required. For more information and to register, call John Savage at 503-779-5414 or email John@straubcenter.org.

William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or susanmgeer@gmail.com. Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.



New State Board Members

New NPSO State Board members were installed at the 2018 Annual Meeting Saturday night banquet. Michael McKeag and Zak Weinstein, outgoing Directors, were recognized for their service. Thank you to all continuing Board members for your ongoing service! The new NPSO State Board is:

President:	Lisa Blackburn
Vice President:	Thea Jaster
Secretary:	Steven Yeager
Treasurer:	Cyndi Dion
Directors:	Dawn Anzinger, Alexis Brickner, Esther McEvoy (to 6/2019) Karl Anderson, Dan Luoma, Stephen Meyers (to 6/2020)

Barb Mumblo, *cont'd*

Chapter 4th of July Wildflower Show for over 30 years and identified plants for the Shady Cove Wildflower Show for 20 years. She led wildflower walks for over 20 years on the Table Rocks as part of The Nature Conservancy/BLM guided hike series. She currently oversees the enormous task of coordinating

the Irene Hollenbeck Memorial July 4th Wildflower Show in Ashland. She has also volunteered to help plan the 2019 annual meeting, to be hosted by the Siskiyou Chapter.

From her home in a forest in the Applegate Valley, Barb continues to volunteer in many ways to safeguard

our beautiful natural plant communities. It is not unusual to hear that someone spotted Barb along a roadside pulling invasive weeds. Barb is an incredible asset to the Native Plant Society of Oregon and skillfully and humbly makes a difference in the community.

Bulletin Makeover, cont'd

have not provided an email address will be contacted to see if they have an email address, so they can continue to receive the *Bulletin*. **Everyone should check to see that the email on record with the NPSO Membership Chair is their current address.** The Membership Chair emailed a PDF of the May and June *Bulletins* to every NPSO member for whom we have an email address. If you haven't seen these

emails, please check your spam folder. The new email format will not be a PDF version, we expect it will look similar to the aforementioned WNPS email newsletter, with articles, events, and links to additional information on the internet.

IF YOU ARE READING THESE WORDS ON A PAPER EDITION OF THE *BULLETIN*, PLEASE CHECK TO SEE IF YOU HAVE RECEIVED ANY EMAIL FROM

MEMBERSHIP@NPSOREGON.ORG. If you have not, that means you do not have your current email address. Send your correct email address to membership@npsoregon.org.

The Board is considering options for members who do not have an email address and would still like to receive a print *Bulletin*.

If you have questions or would like to be involved, please contact me at president@npsoregon.org.

NPSO Joins Biodiversity Heritage Library

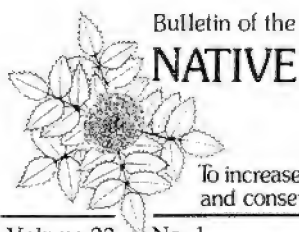
The Biodiversity Heritage Library (BHL) provides free online access to publications on biological diversity. In their own words, BHL is a "consortium of natural history and botanical libraries that cooperate to digitize the legacy literature of biodiversity held in their collections and to make that literature available for open access and responsible use as a part of a global 'biodiversity commons.'" Many of these publications are in the public domain and those still under copyright are provided with permission from publishers. BHL notes that, to date, they have digitized over 120,000 titles and over 200,000 volumes from sources worldwide. To view publications, visit the searchable

BHL portal: biodiversitylibrary.org.

Native plant societies in several states, from Colorado to Minnesota to Virginia, already have publications available on BHL. Last year, BHL contacted NPSO and invited us to allow the *Bulletin*, *Kalmiopsis*, and *Occasional Papers* to be added to their online access portal. We have done so and hope this will expand our reach and help botanists, students, and native plant enthusiasts find our resources. NPSO publications will be available on BHL under a Creative Commons license that permits use for non-commercial purposes. NPSO's addition (and others) to BHL was made possible by an *Expanding Access to Biodiversity*

Literature grant, funded in part by the Institute of Museum and Library Services. Read more about the goals of this project on the BHL blog: <https://blog.biodiversitylibrary.org/2016/01/new-imls-funded-project-expanding-access-to-biodiversity-literature.html>. NPSO and other organizations new to BHL are also noted on the BHL blog at: <https://blog.biodiversitylibrary.org/2018/01/44-new-in-copyright-titles-coming-to-bhl.html>.

While NPSO publications are still awaiting their turn to be uploaded to BHL, they are already available on our own website! This includes *Bulletin* issues from September 1979–present, *Kalmiopsis* Volumes 1–21, and *Occasional Paper* 3. Thank you to Webmaster Sunia Yang for uploading many years of *Bulletins*, from really old to really new, to the website. To browse our publications archive, visit npsoregon.org/publications.html.



Bulletin of the

NATIVE PLANT SOCIETY of OREGON

To increase the knowledge of members and public in identification and conservation of the native plants of the Pacific Northwest

Volume 22 No. 1

January 1989

Bulletin logo, January 1989

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____
Address _____
City _____ State _____ Zip+4 _____
Phone _____ E-Mail _____
Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

Address _____
City _____ State _____ Zip+4 _____

☐ Check to receive electronic *Bulletin*, sent by email in lieu of paper.

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Native Plant Society of Oregon
Margaret Conover, Membership Chair
P.O. Box 902
Eugene, OR 97440

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

- ☐ New ☐ Renewal
☐ Student – \$12 ☐ Regular – \$25 ☐ Family – \$35
☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500
☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund	\$ _____
Leighton Ho Memorial Field Botany Fund	\$ _____
Augusta Rockafellar Memorial Scholarship	\$ _____
Rare and Endangered Plant Conservation Fund	\$ _____
Friends of the Oregon Flora Project	\$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

OFFICERS & COMMITTEE CHAIRS

STATE OFFICERS

DIRECTORS..... Dawn Anzinger, Alexis Brickner, Esther McEvoy (to 6/2019); Karl Anderson, Dan Luoma, Stephen Meyers (to 6/2020)
PRESIDENT Lisa Blackburn president@NPSOregon.org; 503-538-3976
IMMEDIATE PAST PRESIDENT..... Kelli Van Norman..... past_president@NPSOregon.org
VICE PRESIDENT..... Thea Jaster vice-president@NPSOregon.org; 541-752-8860
SECRETARY..... Steven Yeager..... secretary@NPSOregon.org; 541-521-3964
TREASURER..... Cyndi Dion treasurer@NPSOregon.org

CHAPTER PRESIDENTS

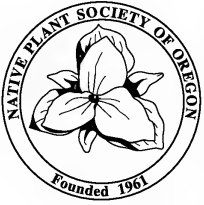
CHEAHMILL Lisa Blackburn ch_president@NPSOregon.org; 503-538-3976
CORVALLIS..... Judi Sanders co_president@NPSOregon.org
EMERALD (Eugene)..... ShyAnne Groberg..... em_president@NPSOregon.org
FILIPENDULA Kathleen Sayce fi_president@npsoregon.org; 360-665-5292
HIGH DESERT (BEND)..... Jennifer Curtis..... hd_president@NPSOregon.org
KLAMATH BASIN..... Todd Kepple kb_president@NPSOregon.org
MID-COLUMBIA Sara Wu mc_president@NPSOregon.org
PORTLAND..... Alix Daniels po_president@NPSOregon.org; 406-666-7888
SISKIYOU Dave Garcia si_president@NPSOregon.org
UMPQUA VALLEY (Roseburg)..... Neal Hadley uv_president@NPSOregon.org; 541-679-8889
WILLAMETTE VALLEY (Salem) John Savage vv_president@NPSOregon.org; 503-779-5414
WM CUSICK (La Grande) Susan Geer wc_president@NPSOregon.org

STATE COMMITTEE CHAIRS

BUDGETS AND GRANTS Dan Luoma..... 5 NW Edgewood Dr., Corvallis, OR 97330; 541-752-8860
CONSERVATION Billy Don Robinson bdmeme@gmail.com; 503-515-1708
FRIENDS OF OR FLORA PROJECT Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu; 541-737-4338
LEGISLATIVE Billy Don Robinson bdmeme@gmail.com; 503-515-1708
MEMBERSHIP..... Margaret Conover..... P.O. Box 902, Eugene, OR 97440; membership@NPSOregon.org
NPSO FELLOWS..... Cindy Roché and Karen Sturgeon fellows@npsoregon.org
RARE & ENDANGERED PLANTS..... Jason Clinch..... rareplants@npsoregon.org

PUBLICATIONS

BULLETIN EDITOR..... Erika Wedenoja..... bulletin@NPSOregon.org
BULLETIN PRODUCTION Cat Mead cat@featherforge.com
PUBLICATIONS COMMITTEE CHAIR Cindy Roché..... kalmiopsis@NPSOregon.org
WEBMASTER Sunia Yang webmaster@NPSOregon.org



*Send change of address notices
and membership requests to:*

Native Plant Society of Oregon
Margaret Conover, Membership Chair
P.O. Box 902
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www.oregonflora.org

OregonFlora is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, www.oregonflora.org. Funding for the direct operating expenses of the OregonFlora program comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget.

If you would like to be a part of the team that keeps OregonFlora progressing, please contact us at ofpflora@oregonflora.org, or phone 541-737-4338.

Contributions can be made online (www.oregonflora.org/supportOFP.php) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.



Bulletin of the Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

August/September 2018

Volume 51, No. 7

Welcome to the e-Bulletin!

While we are looking for a permanent editor, the Bulletin will be published as an e-newsletter. Welcome to the first edition! Please note that when the new NPSO website is functional, the Bulletin will be adding new features that will increase the functionality of this e-newsletter. Also, if you prefer to read a hard copy, you can click on the link at the top of this email that says "view this email in your browser," and then print this e-newsletter as a PDF. If you have any questions, please contact us at bulletin@npsoregon.org.



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2018 Annual Meeting Recap:

By Susan Saul



Brown's Peony (Paeonia brownii) on Lookout Mountain, June 2, 2018.

One-hundred twenty registrants attended the NPSO Annual Meeting held on June 1-3, 2018, in Prineville, Oregon. Joint hosts were the Portland Chapter and the High Desert Chapter.

The host chapters chose Brown's peony (*Paeonia brownii*) as the botanical mascot for the meeting. It is a common, even abundant, species in appropriate habitats in the Ochoco Mountains. Brown's peony, also known as western peony, is a low to medium height, herbaceous perennial flowering plant in the family *Paeoniaceae*. It grows in open, dry ponderosa pine forests, in sagebrush, and in aspen stands at higher elevations where winters are long and cold and the growing season is short. It likes upland prairie on basalt-substrate close to conifer stands. Brown's peony decorated the souvenir bandannas and baseball caps created for the event.

The Annual Meeting began with eight Friday afternoon field trips to destinations on the Ochoco National Forest, Crooked River National Grasslands, Deschutes Land Trust preserves, and Bureau of Land Management federal lands. The weather was gorgeous and although the Pacific Northwest was experiencing an early, dry spring, field trip participants saw lots of wildflowers blooming.

On Saturday, we had ten all-day field trips that ranged from moderate hikes at a botany pace to driving tours with roadside stops on the Ochoco National Forest, Crooked River National Grasslands, The Nature Conservancy's Juniper Hills Preserve, Deschutes Land Trust preserves and Bureau of Land Management lands including the Badlands Wilderness. It was another gorgeous day in central Oregon with a moderate breeze to keep everyone comfortable.

We finished off the weekend on Sunday morning with a concurrent state board meeting at Meadow Lakes Golf Course and six half-day guided field trips, many repeating

destinations from Friday but also adding Crooked River Ranch's native plant interpretive garden and a hike to Steelhead Falls on the Deschutes River.

All field trips were a success. Although some grassland and sage steppe destinations were drier than anticipated, everyone was able to find plants to view and enjoy. A few participants were treated to blooming mountain lady's-slippers (*Cypripedium montanum*) and several field trips saw Brown's peony in flower. Hearty thanks go to our field trip leaders whose mainly volunteer services made the Annual Meeting such a success: **Marilynne Keyser** (Friends and Neighbors of the Deschutes Canyon Area), **Willow Elliott**, **Roger Brewer**, **Jill Welborn** (Botanist, Ochoco National Forest), **Nancy Chapman**, **Carol Moorehead** (Deschutes Land Trust), **Stu Garrett**, **Ron Klump**, **Jan and Dave Dobak**, **Berta Youtie**, **Brooke Gray** (Juniper Hills Preserve Steward), **Cindy Roche**, **David Miller** (Deschutes Land Trust), **Jenifer Ferriel** (Forest Botanist: Deschutes and Ochoco National Forests & Crooked River Grasslands), **Linda Vorobik**, **Paul Slichter**, and **Susan Saul**. They dedicated time, energy, and skill to scouting and leading their trips.

Our indoor venue was Meadow Lakes Golf Course and Restaurant in Prineville, which catered our meals and provided the meeting space. The Friday evening program was presented by **Sarah Cuddy**, Ochoco Mountains Coordinator for Oregon Wild, who gave an enthusiastic introduction to the Ochocos. Our Saturday evening speaker was **Terry Holtzapple**, retired archaeologist for the Ochoco National Forest, the Crooked River National Grasslands, and the BLM Prineville District. Her presentation was "The Ochoco Mountains: A Cultural Landscape." Terry shared some of her ethno-botany knowledge from working with the four neighboring Native American Tribes that consider the Ochocos to be part of their traditional use area.

Due to space limitations at Meadow Lakes Golf Course and Restaurant, we were only able to accommodate three vendors: Friends and Neighbors of the Deschutes Canyon Area, Tanya Harvey, and Linda Vorobik, who offered native-plant themed items, books and art for sale. Linda generously donated a percentage of her sales to the High Desert Chapter.

The Annual Meeting Organizing Committee was chaired by **Alix Danielsen**, president of the Portland Chapter, who kept us organized and on track. Alix also booked the arrangements with Meadow Lakes Golf Course and Restaurant and kept us on budget. **Jan and Dave Dobak** offered their home as our meeting space and volunteered to take on the monumental task of handling registration and financial accounting. Dave also managed the web pages for the meeting. **Paul Slichter** took on the equally monumental task of identifying and scouting the field trips, recruiting and coordinating leaders, writing descriptions of the trips to help registrants make their choices, and preparing plant lists for all the trips. **Jason Clinch** handled the ordering for bandannas and caps while **Susan Berger** found an artist to provide the logo art. **Linda Hardie** recruited and assisted the vendors. **Susan Saul** and **Willow Elliott** recruited the speakers. Willow Elliott handled arrangements with the Forest Service, BLM, and the Eastside Church to use their parking lots for field trip carpooling. **Susan Saul** wrote all the articles for the Bulletins and some content for the web pages. **Roger Brewer**, **Ron Klump**, **Nancy Chapman**, and **Berta Youtie** also participated on the organizing committee.

The weather was perfect - no thunderstorms! The flowers and views were marvelous, and the camaraderie of sharing it all with fellow NPSO members was the best!

FIELD TRIPS RECAP:

Friday

Baneberry Trail (Ochoco National Forest) Leader: Susan Saul

Chimney Rock (BLM) Leader: Marilynne Keyser (Friends and Neighbors of the Deschutes Canyon Area) Assistant Leader: Willow Elliott

Gray Butte (Crooked River National Grasslands) Leader: Roger Brewer

Big Summit Prairie (Ochoco National Forest) Leader: Jill Welborn (Botanist - Ochoco NF), Assistant Leader: Nancy Chapman

Coffer (Bella) Ranch (Deschutes Land Trust) Leader: Carol Moorehead & DLT Assistant

Ponderosa Loop Trail #810 at Bandit Springs (Ochoco National Forest) Leader: Paul Slichter

Pine Ridge (Crooked River National Grasslands) Leader: Stu Garrett

Bingham Prairie Meadows at Twin Pillars Trailhead (Ochoco National Forest) Leader: Ron Klump

Saturday

Maury Mountains (Ochoco National Forest): Leaders: Jan and Dave Dobak

Juniper Hills Preserve (The Nature Conservancy, Oregon) Leaders: Berta Youtie & Brooke Gray (Juniper Hills Preserve Steward)

Line Butte Trail #807 (Ochoco National Forest) Leader: Ron Klump, Assistant Leader: Cindy Roche

Big Summit Prairie Scablands (Ochoco National Forest) Leader: Jill Welborn (Botanist, Ochoco National Forest)

Whychus Canyon Preserve (Deschutes Land Trust) Leader: David Miller and DLT Assistant

Twin Pillars North (Ochoco National Forest, Mill Creek Wilderness) Leader: Roger Brewer

Lookout Mountain: Motherlode Trail (Ochoco National Forest) Leader: Susan Saul

Badlands Wilderness, Millican Valley & Dry Canyon (BLM) Leader: Stu Garrett

Alder Springs Trail #855 & Squaw Flat (Crooked River National Grasslands) Leader: Jenifer Ferriel (Forest Botanist: Deschutes and Ochoco National Forests & Crooked River Grasslands)

Steins Pillar Trail (Ochoco National Forest) Leader: Paul Slichter

Sunday

Steelhead Falls and Crooked River Ranch Native Plant Interpretive Garden Leader: Marilynne Keyser (Friends and Neighbors of the Deschutes Canyon Area); Assistant Leader: Willow Elliott

Ponderosa Loop Trail #810 at Bandit Springs (Ochoco National Forest) Leader: Roger Brewer

Juniper Hills Preserve (The Nature Conservancy, Oregon) Leader: Stu Garrett, Assistant Leader: Cindy Roche

Big Summit Prairie (Ochoco National Forest) Leader: Paul Slichter; Assistant Leader: Susan Saul

Chimney Rock (BLM) Leader: Ron Klump

Steins Pillar Trail (Ochoco National Forest) Leader: Linda Vorobik

All photographs by Susan Saul



Tanya Harvey photographed a Brown's Peony while Nancy Bray observed, Lookout Mountain, June 2, 2018.



Gail Baker photographed a Brown's Peony on Lookout Mountain, June 2, 2018.



Some field trips had the opportunity to view and photograph Mountain Lady's-slipper (Cypripedium montanum), June 2, 2018.



Field trip leader Marilynne Keyser at the carpool meeting location, June 3, 2018.



Field trip group gathered at Big Summit Prairie, June 3, 2018.



Field trip leader Paul Slichter described how to identify Cusick's Paintbrush (*Castilleja cusickii*) at Big Summit Prairie, June 3, 2018.



Cusick's Paintbrush (*Castilleja cusickii*) at Big Summit Prairie, June 3, 2018.

Don Jacobson Photos:

Stein's Pillar:

<http://donjacobsonphoto.com/SteinsPillar/SteinsPillar.html>

Lookout Mountain Loop:

<http://donjacobsonphoto.com/LookoutMtn/LookoutMtn.html>

Chimney Rock

<http://donjacobsonphoto.com/ChimneyRock/ChimneyRock.html>

Ponderosa Loop:

<http://donjacobsonphoto.com/PonderosaLoop/PonderosaLoop.html>

Big Summit Prairie:

<http://donjacobsonphoto.com/BigSummit/BigSummit.html>

2018 IAE/NPSO Intern Report

Impacts of grazing and disturbance on *Astragalus mulfordiae*

By: Mary McKean and Michelle Yasutake; 2018 IAE/NPSO Conservation Research Interns

Survival in the high desert is no easy feat - and yet, life not only persists, but thrives, in the arid climate of the Snake River Plain. Braving high winds, frequent drought, and winter snowpack, plants native to the foothills of eastern Oregon and southwestern Idaho have developed a striking array of adaptations that allow them to be successful. One such plant, *Astragalus mulfordiae* (Fabaceae, Mulford's milkvetch), is able to endure this climate with its deep-reaching taproots and the longevity of its seed bank. A perennial herb low in stature, Mulford's milkvetch is characterized by its three-faced seed pods and small whitish flowers that bloom from April to mid-June (Figure 1). Mulford's milkvetch can be found only in the Owyhee Uplands of eastern Oregon to the Boise Foothills of western Idaho, where it prefers the loose, sandy substrate of the shrub-steppe and desert-shrub communities. In recent years, anthropogenic disturbance has become a major threat to this species. Mulford's milkvetch is currently listed as a Sensitive Plant Species by the USDI Bureau of Land Management, a Species of Concern by the United States Fish and Wildlife Service, and endangered by the state of Oregon Department of Agriculture (ORBIC 2013). Within Oregon, there are only 29 documented populations and a total metapopulation size of less than 12,000 individuals (ORNHIC 2009).



Figure 1. *Astragalus mulfordiae* (Mulford's milkvetch) in fruit.

Within just a century, the landscape of the Owyhee Uplands has changed dramatically. A high desert region once characterized by sagebrush plateaus incised with steep river canyons, the Owyhee Uplands are now subject to increasing human development. Roadways, hiking trails, OHV (off-highway vehicle) terrain, and widespread agricultural and cattle grazing operations all pose threats to the success of many native species, including Mulford's milkvetch. Additionally, competition with exotic plant species, such as *Agropyron cristatum* (crested wheatgrass), *Chondrilla juncea* (rush skeletonweed), and *Bromus tectorum* (cheatgrass), may also be impacting native plant populations. These problems may be further exacerbated by climate change related issues, as competition with exotic species appears to be particularly problematic in areas that have recently burned and/or are heavily grazed.

In order to better understand the threats to Mulford's milkvetch, the Institute for Applied Ecology (IAE) began monitoring populations of the species in the Owyhee Uplands of eastern Oregon in 2008. Working in cooperation with the Vale District of the Bureau of Land Management (BLM), IAE set out to document long-term trends in population size and structure of Mulford's milkvetch, as well as its associated plant community. More specifically, this research aimed to document the effects of grazing and disturbance on population success, and determine the role of climatic variation in observed differences in population size and reproduction. In order to form any long-term correlations between plant success and climatic variation, ten years of sequential data must be collected. The hope for this study is that data collected can provide agencies with valuable information to help inform listing decisions, as well as management decisions regarding livestock grazing, and recovery plans.

In 2018, IAE's Conservation Research (CR) crew traveled to the Vale District, BLM in eastern Oregon to contribute to data collection efforts. Within this region, long term demography plots have been established at five locations with known populations of Mulford's milkvetch. In order to test whether or not livestock grazing is affecting the success of the plant, half of the 1m² plots have been caged to prevent grazing, while the other half were left uncaged as a control (Figure2). At each site, we counted and mapped the location of every individual milkvetch plant within each plot, as well as measured the diameter of the plant, length of the tallest stem, number of fruits, and any evidence of grazing on the plant. Tracking individual plants over time can help to determine the health and reproductive success of the species as a whole. Additionally, each site has one 20m² plot in which we collected plant community information and ground disturbance data in the hopes of determining the main competitors to Mulford's milkvetch, as well as understanding any prominent disturbance threats.



Figure 2. Caged (left) vs. uncaged (right) demography plots.

Over the years, our team has not observed any clear impacts from grazing. We have, however, seen highly variable changes in Mulford's milkvetch populations from year to year in the number and size of plants, and the amount of reproductive seed pods present, with a general trend of decline at all of our study sites. These findings may suggest that a factor other than grazing is contributing to the observed decline in Mulford's milkvetch. One such factor may be competition. In recent years, our team has observed an increase in the presence of exotic species at all of our sites, namely *B. tectorum* (cheatgrass). This species can be problematic due to its competitive ability, its high annual seed production, its successful seed dispersal mechanism, and by increasing fuel loads. This issue is concerning due to the fact that, in recent years, we have also observed a drier climate than long term precipitation normals. A drier climate, coupled with a heavy fuel load, could increase the risk and severity of wildfires that could potentially be detrimental to many native species, including Mulford's milkvetch. However, further monitoring is necessary to better understand these climate trends, as well the plant community interactions.

Going forward, we are extremely interested to see if the data that we collected in 2018, and data collected in the future, will follow trends that we have observed thus far. It is imperative that monitoring of this species continue in order to better understand climatic variation and any other factors that may be affecting the population success of Mulford's milkvetch. As interns with IAE, our work with Mulford's milkvetch was only one of the many invaluable opportunities we had to expand our knowledge of the scientific process and contribute to the conservation efforts for many sensitive species. We will be forever grateful to all of our mentors at IAE, the NPSO for helping to fund our work, and the greatest lead a crew could ask for, Lisa Schomaker. It is our hope that the research we contributed to this summer will help to inform and support management plans that will help keep Mulford's milkvetch populations and other native species intact for generations to come



Figure 3. IAE interns Sebastian McCauley (left), Mary McKean (center), and Michelle Yasutake (right) monitor Mulford's milkvetch at South Alkali Area of Environmental Concern (ACEC) near Vale, OR.

References

Oregon Biodiversity Information Center. 2013. Rare, Threatened and Endangered Species of Oregon. Institute for Natural Resources, Portland, Oregon. 111 pp.

Oregon Natural Heritage Information Center. 2009. Oregon Threatened and Endangered Plant Field Guide. http://oregonstate.edu/ornhic/plants/view_plants2.php. Accessed: 03/18/2009.

State & Chapter Notes

State Notes/Announcements:

State Board Meeting - the next State Board Meeting is scheduled for October 13th in McMinnville.

Membership News - We are in the process of changing our membership management program. Since 2003, we have tracked all your address changes and membership renewals on a wonderful Microsoft Access database created by Clay Gauthier. We currently have over 700 members!

Our new system, on Paid Membership Pro, will be accessible from our new website, and will offer you the opportunity to maintain your own membership profile. If all goes as planned, we'll send you an invitation to access your account with the next e-Bulletin.

In the meantime, please share this information: if you know of any members who have not received this August-September e-Bulletin, it may be because we do not have their email address. Have them contact membership@npsoregon.org.

Chapter Notes:

Blue Mountain

For information on Blue Mountain Chapter, call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@wtechlink.us.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

Meeting and work party location: Carnegie Room, McMinnville Public Library, [225 NW Adams St.](#) (corner of Highway 99W and SW Second St.), McMinnville. The library parking lot may be entered from either Adams or Second streets.

Aug. 25 and Sept. 22

Saturdays, 9 to noon

Work Parties: Native Plant Garden at McMinnville Public Library

Spend a couple hours between 9 and noon with a congenial crew and get to know native plants with our new green plant markers. Learn how the beauty, diversity and educational value of this mature demonstration garden is maintained with a minimum of effort. Bring gloves, bucket and gardening tools if you have them. For more information, contact Catie Anderson at catie.fishback@gmail.com or [503-435-2401](tel:503-435-2401).

Sept. 27, Thursday, 6:45 to 8:45 pm

Program: From Extinction to Recovery: Golden Paintbrush in the Willamette Valley
Tom Kaye, director of The Institute for Applied Ecology, will give a presentation on efforts to reintroduce *Castilleja levisecta* (golden paintbrush), to the Willamette Valley. The Institute is involved in several projects to restore our wetlands and upland prairies. Reintroduction of rare and endangered species requires: 1. Developing successful methods for seed germination and plant propagation, 2. Field studies on success of direct seeding vs. transplants, and 3. Monitoring to evaluate site preparation strategies and the best micro-sites for planting.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact co_president@NPSOregon.org. Find us on Facebook at facebook.com/CorvallisNPSO.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

Date: September 17th, 7:00 p.m.

Venue: Amazon Community Center, [2700 Hilyard, St. Eugene, OR](#)

Program: Rare, Threatened and Endangered Plants of Lane County

Charlene Simpson, a founding member of Emerald Chapter and retired co-chair of the R & E Committee, uses a lovely slide show to tell us stories of Lane County species losses, gains, and near misses. Charlene illustrates her program with images from her photo library accumulated over 45 years.

Filipendula

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, carlajeancole@gmail.com.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com

Suttle Lake Tree Hike, August 18, 9:00AM

As summer winds down, we have fewer wildflowers to look at - but our trees and shrubs are still leafed out and the forest is still full of interesting plants to investigate! We will be traveling to a transition area between east and west side forests to learn a little more about the woody side of our landscape. Join hike leader, Rebecca Franklin PhD and COCC professor and dendrochronologist, at Suttle Lake to look up into the canopy overhead, brush up on our dendrology and learn about the trees and shrubs of Central Oregon.

Which of our tree species is useful for making wooden stringed instruments? Which tree species have we used to create a natural archive of fire history for our state? What comprises the rich assemblage of trees found at Suttle Lake? Join us and find out.

Where: At the trailhead at Cinder Beach Day Use Area at 9 AM

Carpool: Meet at the parking lot in front of Starbucks Coffee at the Cascade Village Shopping Center in Bend at 8:00 AM

What: Expect frequent stops on an approximate 3-mile hike around the lake

Bring: Lunch, water, plant books, etc.

Trip limited to 10 people. No pets. Open to chapter members first. If we don't get 10 participants we will open up this hike to anyone.

Reservations and waiver: NPSO chapter field trips require a reservation. Register by sending an email to Rebecca Franklin at rfranklin@cocc.edu with the number in your group by August 1. YOU MUST PRINT OUT AND BRING a signed waiver. You can find the waiver here: www.highdesertnpsoregon.org/calendar1.html. Towards the bottom of the page is a green button labeled "Field Trip Waiver."

Seed Extractory Tour

When: Fri, September 21, 2:00pm - 3:30pm

Where: [63095 Deschutes Market Rd, Bend, OR 97701 \(map\)](#)

Description: Tour the Bend Seed Extractory located at the Deschutes National Forest office. A facility of the US Forest Service, Pacific Northwest Region, the extractory is dedicated to seed and only seed. The facility provides a variety of services to public agencies across the United States. We extract, process, test, package and store seed for more than 3,000 different species and our seed lots vary from a few tablespoons to thousands of pounds. MORE DETAILS TO COME ABOUT PARKING, ETC.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com>

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

Portland

If you would like to receive the chapter's semi-official email newsletter, The Calochortus, email Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7 pm. MEETING PLACE: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., Portland. We will meet in Copeland Commons; enter

the church through the main door off Belmont and turn right to enter the room.
Parking is available in the church lot on the NW corner of SE 54th and Belmont.

Date/Time: August 11th

Trip/Location: Mt. Hood Meadows Chairlift

Leader: Mary Vogel

Description: This hike uses the Mount Hood Meadows chair lift (\$10 for the day) to quickly gain the high mountain meadows for stunning displays of a wide variety of alpine flowers. From the chairlift, hike west. When the wildflowers have dried out every place else this is the place to go for stunning views of the high mountain meadows. Some of the most accessible and spectacular displays are on the Mount Hood Meadows ski slopes where a widely diverse panorama of alpine flowers bloom in this late season. In addition, Mount Hood Meadows now operates a chair lift to the top of the slope on weekends during the month of August. Sign up on the new NPSO Meetup page at www.meetup.com/NPSO-Portland or contact Mary at mary@plangreen.net.

Date/Time: September 29th

Trip/Location: True Firs

Leader: Rick Shory

Description: Led by Rick Shory, who has worked throughout the West as a Forest Service botanist. Location: near Government Camp, Oregon. A little known botanical quirk creates a unique learning opportunity near Portland. The four species of "true" fir (Abies) in the Northwest can be confusing. There is only one small area southeast of Mt. Hood where they all grow together, making comparison easy. Come learn this important genus of conifers, how to distinguish the species and tell them apart from other trees. Very easy hike, just back and forth on river trail and paved road a quarter mile, but you can make it a longer walk if you wish. Leave at 9:00 am, from near Gateway MAX station, SW corner of NE Multnomah Street and NE 99th Ave, by Gateway Medical Pharmacy. Or meet on site at 10:30 am. Round-trip from downtown Portland, about 140 miles. Sign up on the new NPSO Meetup page in September at www.meetup.com/NPSO-Portland or contact Rick Shory at rickshory@gmail.com or 503-253-8100 to sign up for the hike and for the exact site.

October 11th, 7:00pm

Program: Ever Wild: a Lifetime on Mount Adams

The twin brothers Darryl and Darvel Lloyd, avid outdoorsmen and co-founders of Friends of Mount Adams in WA, will share their personal stories spanning seven decades. Darryl will present his long awaited book by the same title as the Program, capturing the botany, geology, geography, human history and calling for protection of the North Cascades peak. Darryl's stunning photography taken from the air and on foot will be a highlight - the lush meadows, ancient forests, boulders, and glaciers of the mountain note the stewardship the Lloyd brothers have undertaken over their lifetimes. The book will be for sale at the event open to the public for \$30 by check or cash sales only.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2018, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, detweiler.katelyn@gmail.com. Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>

Local Wildfire Ecology in our Watershed

Saturday, August 11th

Time: 9am-3pm

Join Siskiyou Chapter of the Native Plant Society of Oregon and KS Wild for a loop hike around Grizzly Peak with fire ecologist, Dennis Odion, to observe the necessary impacts wildfire has in our local watershed. We'll examine wildflowers along the way and soak up views of Mt. Shasta, Pilot Rock, Mt. Ashland. Carpool from NW Nature Shop at 8:45am or meet at the Grizzly Peak Trailhead at 9am. For more information or to sign up please contact Katelyn Detweiler at Detweiler.katelyn@gmail.com.

Little Duck Lake and the Miracle Mile

Saturday, September 8th

Time: Meet at Duck Lake Trailhead at 8:30am

Join Katelyn on a hike through diverse habitats and elevations to Little Duck Lake in the Russians Wilderness. Home to one of the richest conifer assemblages on earth, the famous Miracle Mile is documented to have 17 different species of conifers and hundreds of other vascular plants living in one square mile. Conifer species we'll be searching for include foxtail pine, whitebark pine, western white pine, Jeffrey pine, ponderosa pine, lodgepole pine, sugar pine, white fir, Shasta fir, subalpine fir, Engelmann spruce, Brewer spruce, mountain hemlock, Douglas-fir, Pacific yew, incense-cedar, common juniper and western juniper. The hike is 11 miles round trip. For more information or to sign up please contact Katelyn Detweiler at Detweiler.katelyn@gmail.com.

Talk: TBD

Thursday, September 20, 2018

Save the date for the first meeting of our 2018-19 meeting season! The speaker is yet to be determined but we guarantee an excellent start to the season. Refreshments at 6:45pm, meeting and program at 7:00pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Alexis at alexislarsen1983@gmail.com or [860-878-2049](tel:860-878-2049).

Umpqua Valley

Visit umpquavalleynativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-643-0364.

Willamette Valley

For program information, contact John Savage at 503-779-5414, john@straubcenter.org.

Saturday, August 11—9 a.m-5 p.m.

Field Trip: Anvil Lake Hike

Straub Environmental Center educators and members of the Willamette Valley Chapter of the Native Plant Society of Oregon will lead an all-day hike to view the wildflowers of Anvil Lake. This 2.6 mile roundtrip hike (with light elevation gain) passes through old-growth forest, the beautiful Black Wolf Meadows, and ends at a secluded lake. Discover moisture-loving wildflowers such as bog laurel and King's Gentian and taste wild huckleberries! Bring a sack lunch, water, appropriate foot gear, and clothing.

Location: Meet at the Willamette Heritage Center parking lot (1313 Mill St. SE, Salem, OR 97301) at 9:00 a.m. Transportation will be provided to-and-from the trailhead.

Cost: \$5 for Native Plant Society of Oregon members; \$10 for non-members. Space is limited to ten participants ages 12-adult. Pre-registration is required. To register and for more information, email John Savage at john@straubcenter.org or call 503-779-5414.

William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or susanmgeer@gmail.com. Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

Kalmiopsis Authors Wanted!!

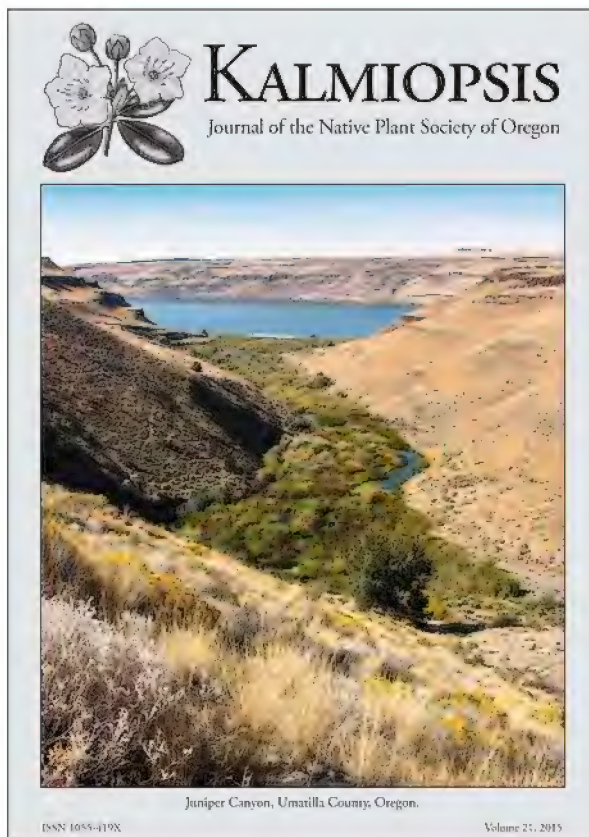
By: Cindy Roché and Kareen Sturgeon

Overheard at the 2018 Annual Meeting: “We really miss our NPSO journal, Kalmiopsis.”

Response from the Publication Committee: “We are ready to revive it, but we need YOU to step up and write for it.”

No idea what to write about? We’d love to hear about your favorite native plant. Take a digital camera and get some stunning photographs; delve a little deeper and learn who first discovered and named it, its distribution, ecology, and reproductive biology. Tell us how to identify it and anything else you discover. Voilà, a **Plant of the Year** article.

Feeling a little more ambitious? Describe one of your favorite haunts in Oregon to botanize. Tell us about the geology, plant communities, climate, history, and share your species list. There you have it, an **Oregon Plants and Places** article.



Curious about historical botanists? It's a shame if the people who shaped the botanical history of Oregon are forgotten. Researching their lives can be a fascinating project. If you need suggestions, let us know.

More interested in the present? Tell us about your passion, maybe it's conserving a rare plant habitat or restoring native communities on disturbed sites, or something that the rest of us don't know about. Don't keep it to yourself. Perhaps you'll inspire others to take action for native plants.

Let us know if you can help breathe new life into Kalmiopsis, and we'll

send you a copy of the Instructions for Authors. We are hoping to hear from you soon.

[OregonFlora](#)



By: Dr. Linda K. Hardison
Director, [Oregon Flora Project](#)

Friends of OregonFlora, here's what OregonFlora has been doing over the summer:

Sending the manuscript for Flora of Oregon Volume 2 to the publisher this year is still on target. All but a dozen of the 1,678 floristic treatments (descriptions, distributions, and

identification keys) are completed. This volume will cover plants in the dicot families Adoxaceae through Fagaceae and includes large groups such as the sunflower family (Asteraceae; almost 12% of our flora!), mustards (Brassicaceae), pinks (Caryophyllaceae), and legumes (Fabaceae). Drafts of the front chapters, covering plant-insect interactions and gardening with natives, are in the works.

OregonFlora also participated in events celebrating National Pollinator Week in June: perhaps you saw our table at the Oregon Zoo Pollinator Celebration, or at the lovely Dancing Oaks Nursery and Gardens.

This is the second year we participated in Farwest, Oregon's green industry trade show. Our increasing contributions to knowledge about using native species in cultivated settings make this a great opportunity to share our program with the industry.

We continue work to get our Symbiota-based website ready for the public. Consequently, we are postponing releasing new images and other data; we appreciate your patience.

We are applying the extensive OregonFlora dataset by studying ways to integrate native plants and their habitats into working agricultural lands. With a recent NRCS Conservation Innovation Grant from NRCS, we will be looking at ways to prepare and maintain pastures and wet prairies through site preparation, seeding, and selective use of grazers.

Your financial contributions allow us to accomplish these amazing activities! Please add your support: donations can be made online (www.oregonflora.org/supportOFP.php) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.



Website



Facebook

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Bulletin of the Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

October 2018

Volume 51, No. 8



Happy Fall!

As a reminder, if you prefer to read a hard copy, you can click on the link at the top of this email that says "view this email in your browser," and then "print" this e-newsletter as a PDF. If you have any questions, please contact us at bulletin@npsoregon.org.

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[NPAW Poster Contest](#)

Take Your Best Shot: 2019 Native Plant Appreciation Week Poster Contest

Summer's over, but remember all those great photos you took of native plants in Oregon this spring and summer - or maybe even last winter or fall? Now that you're probably spending more time indoors, you could take this opportunity to select the best of your photos and submit them for the Native Plant Appreciation Week Poster Contest.

As NPSO is transitioning to a new website, we are trying a new procedure for photo submission (borrowed from WNPS): email. Entries must be emailed to npawphotos@npsoregon.org. Each person may enter two photos of Oregon native plants (photographed in Oregon with photographer name, scientific name, common name, photo location, and photo date). **All entries must be received by December 15, 2018.**

Photos will be rated and selected by the poster committee based on subject matter, composition, and technical excellence. The poster designer has sole discretion of not using an image should it not work into the overall layout or is deemed to not be of satisfactory quality. The selected photographer(s) must be able to provide a high-resolution and preferably unedited image (at least 300 dpi) version of the image and must allow NPSO to reproduce the image free of charge for our poster, website, and related publicity material. If you have any questions, please email them to npawphotos@npsoregon.org.

Book Reviews

50 Hikes with Kids:

Oregon and Washington

Wendy Gorton.

2018.

ISBN:978-1-60469-800-8.

Timber Press, Portland, OR.

Softcover, 280 pp. \$19.95



50 Hikes with Kids: Oregon and Washington, an attractive guidebook for adults seeking advice for helping children explore the outdoors, is filled with colorful and informative graphics, interesting pictures, and clear maps. Additionally, the weatherproof cover protects it in wet weather and its rounded corners makes it easy to slip in or out of a backpack.

As an outdoor educator and outdoorswoman, Wendy Gorton has extensive experience interacting with children in the outdoors. In the preface, she states the aim of the book is to inspire a love for the outdoors in children and to give their “adults some tools to help ignite questions on the trail.” My wife and I take our two small children out on trails and/or camping most weekends between April and September, so I was eager to learn what Ms. Gorton could offer us. After reading this book, I commend the author for her nuanced and thoughtful approach to shepherding children on the trail and instilling in them a love of nature and history.

The “Choosing Your Adventure” section organizes the 50 hikes first by state, secondly by features (lakes, waterfalls, history, flora, fauna, geology, caves, etc.), and thirdly by season. This organization allows selection of hikes using different priorities, while each entry provides detail that shows the author has obviously visited the locations.

The next section, “Preparing for Your Adventure,” contains valuable information about safety, gear, levels of difficulty and access to trails, descriptions of terms used in the book, and more. She provides suggestions for adding excitement and interest to hikes, such as by encouraging children to create stories about plants and animals they find and providing links to websites and to apps that describe how to enhance hikes without undue distraction. With intelligence and sensitivity, the author describes the how-to, and value of, nature journaling, the appropriateness (or inappropriateness) of smartphone use, and the importance of teaching children to respect nature.

The “meat” of the book is the “Adventures” section that describes the 50 hikes. They are well organized by state and region and illustrate the author’s understanding of what would interest children on each hike, and what is valuable information for an adult hiking with children (e.g., length, difficulty, elevation, maps and directions, nearby towns and food, jurisdiction and land management agency contacts). Pictures are compositionally great. The scavenger hunts, with photos and descriptions of a variety of plants, animals, and geographic features, provide history and natural history lessons to parents and children alike.

Unfortunately, sometimes the botanical information listed for the “Scavenger Hunts” is incorrect (I did not review the other categories of natural history). For example, American smokebush (*Cotinus obovatus*) is described as growing along the Wenatchee River in the Tumwater Canyon; this species is native to the southeastern United States. It appears that the author mistook it for the native red osier dogwood (*Cornus sericea*), which is shown in the accompanying photo. The Majestic Falls scavenger hunt features red-osier dogwood, but the accompanying photo is salal (*Gaultheria shallon*). Dull Oregon grape (*Mahonia nervosa*) is properly described in that hike, but several pages

later (Upper Trestle Creek Falls) Oregon grape appears as the photo for scarlet sumac (*Rhus glabra*), which is out of range in northwestern Oregon. In the Todd Lake scavenger hunt, subalpine fir (*Abies lasiocarpa*) is illustrated by a photo of lodgepole pine (*Pinus contorta*). There are other examples, but I won't list them all.

This book is thoughtful and well-written and will probably be most valuable to two categories of adult caregivers: parents who have little or no outdoor experience of their own or caregivers who have a knowledge of nature but less experience with inspiring children (e.g., relatives without children of their own). Although those living in the vicinity of the bulk of the 50 hikes may find it most useful, the author's intent was to give adults everywhere the scaffolding needed to build their own experiences on local trails. I imagine NPSO members with children who are already comfortable outdoors might consider it a gift for those with less experience either with children or natural history (or both). Perhaps a second edition will correct the botanical errors.

Dominic Maze, Portland Chapter

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## **Common Mosses of Western Oregon and Washington**

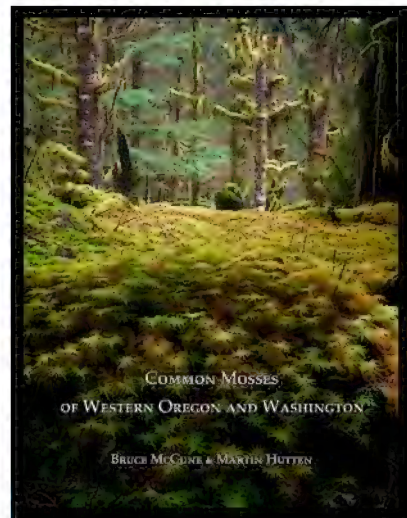
Bruce McCune and Martin Hutten  
2018.

ISBN: 978-0-9987108-2-2

Wild Blueberry Media, Corvallis, Oregon, U.S.A.

Paperback. \$40.

Available from <https://www.wildblueberrymedia.net>



Geared towards beginning moss enthusiasts, this luxuriantly illustrated guide to “one of the mossiest places in the world” is a great place to start for bryo-curious botanists in the Pacific Northwest. The volume is perfect for the field or lab, as it includes field-observable and microscopic photographs on nearly every page and, at only 146 pages long, it easily fits in one's backpack. The authors are both scientists who specialize on bryophytes and lichens. The first author, Bruce McCune, is a professor at Oregon State University where he has taught for over 20 years and published extensive scientific research and identification guides on lichens and bryophytes. The second author, Martin Hutten, currently works for USDA Forest Service in Alaska, and has worked for National Forests and National Parks throughout North America. Martin earned a PhD in 2014 from Oregon State University where he conducted research on lichens in Yosemite National Park. The two authors combine their wealth of knowledge on

bryophytes with exceptional photography to write a book that is accessible for beginners wanting to dive into the world of mosses. I was particularly interested in writing this review for two reasons. First, I am a lichenologist who recently started to learn bryophyte identification. Second, I teach undergraduate botany at a university and was curious to see if this book would be a good educational aid.

The text is organized into three main sections: introductory material, extensive keys, and further information including a glossary and references. The introductory material begins by outlining the scope and purpose of the book and unique features of the keys. A detailed review of moss basic biology and life cycles follows with illustrations and bolded key vocabulary. The section wraps up with instructions on how to collect, preserve, and study mosses in the lab. Next, the keys comprise the bulk of the book (110 of 148 pages). The structure of the keys in this book is unique when compared to similar references. The distinguishing features for each couplet is listed first and demarcated by a semicolon. Then, descriptions are listed after the semicolon, and full illustrations are integrated onto the page where the species is listed. This layout reduces the amount of flipping back and forth between keys, descriptions, and illustrations that is inevitable in the layout of most similar books. Illustrations in the key section are extensive. The right page of each two-page spread is all photographs, and the left page is a quarter to half photographs as well. For instance, if you collected a sample of *Claopodium* you would be directed to “Key O - Pleurocarps; Costa Long and Single; Papillose Leaves.” On this two-page spread, in addition to extensive discussion on the differences among the three species, on the left, you will find a photograph illustrating differences among the leaves of the three species and, on the right, macroscopic photographs of the three species, along with a micrograph of the diagnostic papillae of *Claopodium crispifolium*. After the keys, there is a short nomenclatural note on synonyms, a page illustrating the evolutionary relationships among moss genera, and my favorite part of the back material—a thoroughly illustrated glossary. Most terms are illustrated with high quality photographs, and a full-page line drawing of leaf shapes is included as well. Acknowledgements, references, and an index wrap up the very end of the book. This content is encompassed in an easy-to-pack paperback book with all glossy paper.

*Common Mosses of Western Oregon and Washington* is a great starting point for botanists interested in expanding their knowledge to moss identification from northern California to British Columbia. I also recommend it for educators who incorporate moss identification into their teaching, as I know of no better beginner’s reference.

Jessica Allen, PhD, Assistant Professor, Eastern Washington University

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## Jim Duncan Obituary



Jim Duncan was born in Chicago, Illinois on 15 April 1932. (He was not born on Income Tax Day. In 1955 Income Tax Day was moved to April.) Jim received an AB in zoology from Wabash College (Indiana) in 1954 and a PhD in biology, with a concentration in vertebrate embryonic development, from Stanford University in 1960. He taught biology for 31 years in the California university system. His positions included Instructor and Assistant Professor of biology at the University of California, Riverside, from 1960 to 1962, and Assistant Professor, Associate Professor, and Professor at San Francisco State University from 1962 to 1991.

Retirement from San Francisco State University brought him to Ashland, Oregon in the spring of 1991. He wasted no time in joining the Siskiyou Chapter of the Native Plant Society of Oregon (NPSO) in the fall of 1991. Jim's first involvement with the Siskiyou Chapter's annual 4th of July wildflower show in Ashland was collecting flowers in 1999. He collected flowers for the show for many years. At that time the show was set up on the morning of the 4th in the old wooden gazebo in Lithia Park. After the 2000 show, the chapter realized that if the show venue were moved indoors it could be set up the night before. Jim negotiated with the Ashland Parks Department to use Pioneer Hall or the Community Center, adjacent buildings which are typically rented for public activities. The show was set up in Pioneer Hall in July 2001 and has been held indoors ever since, mainly in the Community Center. Jim took over as organizer of the show in 2001 and did a superb job for 13 years.

During Jim's years in Ashland he collected a large number of plant specimens, mainly from Jackson and Josephine counties, but a second assemblage came from southeastern Oregon. He compiled a personal herbarium of over 3,300 specimens representing almost 1,200 Oregon taxa. This collection has been added to the database of the Oregon Flora Project Atlas. This collection has recently been donated to the herbarium of Southern Oregon University. Two areas where Jim has collected intensively are Grizzly Peak near Ashland and a corner of southwestern Harney County and southeastern Lake County.

Grizzly Peak is a prominent landmark to people living in the Ashland area because it is visible from their homes and streets. It is public land, managed by the Bureau of Land Management (BLM), with an easily accessible five-mile roundtrip trail to the top. Jim

first hiked the trail in September 1993 and during the ensuing years he made 38 trips to the top. Seven of those were scheduled NPSO Siskiyou Chapter fieldtrips, with the most recent and last trip in June 2011. During the years of those many trips, Jim collected great numbers of plants for his herbarium and gradually compiled a plant list for the area surrounding the trail. In 2008 he wrote a Plants and Places article about Grizzly Peak for the Native Plant Society of Oregon's Kalmiopsis, which included an exhaustive plant list of more than 300 species with notes on phenology and habitat.

In 2007 a small group of Siskiyou Chapter members decided to produce a wildflower brochure for the Grizzly Peak area in the style of the Jacksonville Woodlands Association brochure. Bob Vos took the photographs with his wife Belinda's help in identification, and Jim worked together with them to choose and organize pictures for the brochure. He wrote the text and arranged for the necessary layout and printing. The Siskiyou Chapter sells these brochures for \$1 each to raise money for the chapter. The brochure became quite popular and in 2009 Jim helped produce a second one, for Mount Ashland and the Siskiyou Crest. Based on the popularity of the first two brochures, Jim completed a third brochure that was ready for the 2014 flower season, this one for the Cascade-Siskiyou National Monument. Jim was one of the unfailing volunteers from the Siskiyou Chapter of the Native Plant Society who volunteered at the Southern Oregon University Herbarium (SOC). For years he spent one afternoon a week working in the herbarium, verifying identifications, and annotating herbarium sheets with updated nomenclature.

Jim was also an avid gardener, and since about 1980 he grew mostly native plants from seed collected in the field. He harvested seeds from his own native plants, which he spread in his garden, gave to friends, and made seed packets that were sold at the 4th of July flower show. Although most native plants do not require watering in the dry season, Jim created a gravity flow water system for those that do and also for his summer vegetable garden.

Lest you think that Jim was only a plant nut, he did have other interests and activities. He was a fine woodworker, and over the last forty years he made a large number of items that helped furnish his home. He was a home winemaker, making a variety of different wines since 1983 from grapes he purchased. In 2004 he took up the violin again after not playing it since high school days, which had been a long time ago. He was a member of a small string ensemble in Ashland that rehearsed weekly and performed once a year for the public. He also played duets or trios occasionally with some of his musical friends.

In his last years, Jim suffered from a debilitating muscle-wasting autoimmune illness and cancer, but he always had a smile and a twinkle in his eye. He succumbed at last to

prostate cancer on July 27th, 2018. He is survived by his wife of 38 years, Elaine Plaisance, and his daughter Sarah Duncan and her son Gareth Duncan who live in Renton, Washington.

Donations in his memory may be made to the Oregon Flora Project. Checks should be made payable to the Agricultural Research Foundation. Please include "Oregon Flora Project" on the memo line, and mail to:

Agricultural Research Foundation  
1600 SW Western Blvd Ste 320  
Corvallis, OR 97333

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## State & Chapter Notes

### **State Notes/Announcements:**

**State Board Meeting** - the next State Board Meeting is scheduled for October 13th in McMinnville.

**Membership News** - We are in the process of changing our membership management program. Since 2003, we have tracked all your address changes and membership renewals on a wonderful Microsoft Access database created by Clay Gauthier. We currently have over 700 members!

Our new system, on Paid Membership Pro, will be accessible from our new website, and will offer you the opportunity to maintain your own membership profile. Stay tuned for more information.

In the meantime, please share this information: if you know of any members who have not received this October e-Bulletin, it may be because we do not have their email address. Have them contact [membership@npsoregon.org](mailto:membership@npsoregon.org).

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Chapter Notes:

Blue Mountain

For information on Blue Mountain Chapter, call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@wtechlink.us.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President, Jeanie Taylor, at jeanie@fastmail.com.

Meeting and work party location: Carnegie Room, McMinnville Public Library, [225 NW Adams St.](#) (corner of Highway 99W and SW Second St.), McMinnville. The library parking lot may be entered from either Adams or Second streets.

Oct. 27, Saturday, 10am to noon

Work Party: Native Plant Garden at McMinnville Public Library

Spend a couple hours between 9 and noon with a congenial crew and get to know native plants with our new green plant markers. Learn how the beauty, diversity and educational value of this mature demonstration garden is maintained with a minimum of effort. Bring gloves, bucket and gardening tools if you have them. For more information, contact Catie Anderson at catie.fishback@gmail.com or [503-435-2401](tel:503-435-2401).

Oct. 25, Thursday, 6:45 to 8:45 pm

Program: Lessons from the Eagle Creek Fire

Lisa Ellsworth, Assistant Professor in the Department of Fisheries and Wildlife at OSU, will speak about the role of fire in Pacific Northwest fire-adapted forests, with a special focus on the Eagle Creek fire. Location: McMinnville Public Library, see above for details.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact co_president@NPSOregon.org. Find us on Facebook at facebook.com/CorvallisNPSO.

October 8, Monday, 7:30 pm

Program: "Observations on the serpentine vegetation of the Blue Mountains" presented by Dick O'Donnell.

Dick notes, "scattered here and there in the Blue Mountains of NE Oregon are areas of soil derived from serpentinite. This challenging soil supports a peculiar vegetation." He will summarize 8 years of field work he's done to understand the geology of these outcrops and to inventory their vegetation. Location: Room 2087, Cordley Hall, OSU. For information, contact Judi, judi.sanders@gmail.com.

November 4, Sunday, 8am-4pm

Field Trip: Fungi Collection.

Wear weather appropriate clothing and bring a lunch and water. You will also need waxed paper or paper sandwich bags to hold the fungi, maybe a basket. Location: meet at the OSU Wilkinson Hall parking lot on the SW corner of 26th and Monroe, across from the Monroe Beanery at 8am. For information, contact field trip leaders: Amy Rossman, amydianer@yahoo.com, or Michele Wiseman, mswiseman@gmail.com.

November 12, Monday, 7:30 pm

Program: "Training the next generation: IAE's internship program."

Matt Bahm of the Institute of Applied Ecology will present on the IAE internship program (to which Corvallis NPSO has contributed). He says, "each year, the Institute for Applied Ecology hires 3-10 interns as part of our Conservation Research Program. Our interns are given the opportunity to work on rare plant and habitat projects throughout Oregon, gaining exposure to many unique ecosystems, plants, and sampling methodologies, preparing them for future opportunities in ecological fields of inquiry." Location: Room 2087, Cordley Hall, OSU. For information, contact Judi, judi.sanders@gmail.com.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

Filipendula

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, carlajeancole@gmail.com.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com>.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

Portland

If you would like to receive the chapter's semi-official email newsletter, The Calochortus, email Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hikes and other events as well as great plant pictures.

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7 pm. MEETING PLACE: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., Portland. We will meet in Copeland Commons; enter the church

through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

October 11th, 7:00pm

Program: Ever Wild: a Lifetime on Mount Adams

The twin brothers Darryl and Darvel Lloyd, avid outdoorsmen and co-founders of Friends of Mount Adams in WA, will share their personal stories spanning seven decades. Darryl will present his long awaited book by the same title as the Program, capturing the botany, geology, geography, human history and calling for protection of the North Cascades peak. Darryl's stunning photography taken from the air and on foot will be a highlight - the lush meadows, ancient forests, boulders, and glaciers of the mountain note the stewardship the Lloyd brothers have undertaken over their lifetimes. The book will be for sale at the event open to the public for \$30 by check or cash sales only.

November 6th, 2:00pm

Hike: Learn the four major broadleaf trees

Where: Oaks Bottom

Learn to tell apart the major broadleaf trees of western Oregon. Limbs will be partly bare, so we can see the branch structure; but there will be some leaves remaining, to learn by the foliage. Don't be fooled! Our native trees are there, but some "guest" trees have crept in over the years from the neighborhoods. From the parking area on Milwaukie Avenue we'll walk downhill into the quiet retreat of Portland's urban wildlife refuge. We will be able to see all the trees within a mile round trip, entirely from paved paths, but you can explore further if you wish. Held rain or shine.

<https://www.meetup.com/NPSO-Portland/events/254733712/>

November 8th, 7:00pm

Program: Plant Defenses of the Amazon Forest

Georgia Sinimbu studied the evolutionary life of extrafloral nectaries in the Amazon Forest of Brazil, her homeland. Her incredible time among the biome and all it's living creatures will unfold ending up with her doctoral degree. She now lives in Portland where she's still cooling off.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2018, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, detweiler.katelyn@gmail.com. Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>

Big Red Mountain of the Serpentine Siskiyou

Thursday, October 18th

Time: 9am

Explore Big Red Mountain of the Serpentine Siskiyou with botanist Rachel Werling (OSU Land Steward Coordinator). Hike a moderate ~3-4.5 miles of the PCT between Siskiyou

Gap and Wrangle Gap. Elevation Change is about 1000 ft. Keep an eye out for Siskiyou willow herb, Lemmon's sword fern, western white pine, vast fields of bear grass and many others. Meet at the Mt. Ashland Ski Area parking lot at 9am. The hike will finish up around mid-afternoon. Bring lunch, plenty water, sunscreen and dress for the weather. For more information or to sign up please contact Katelyn at Detweiler.katelyn@gmail.com.

Talk: Peninger Restoration Project

Thursday, October 18, 2018

Join Karlia Ver Eecke, Education and Outreach Coordinator for the Jackson Soil and Water Conservation District, as she discusses post-fire restoration on Bear Creek. The JSCWD is leading the post-fire community restoration project of the Peninger Fire area in Central Point. This fire burned 123 acres on July 17, including 35 acres of riparian zone along the Bear Creek Greenway. With community partners including ODOT, RVCOG, Fire District 3, and the Central Point Police Department, the area will be restored to meet ecological and public safety goals. Refreshments at 6:45pm, meeting and program at 7:00pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Alexis at alexislarsen1983@gmail.com or [860-878-2049](tel:860-878-2049).

Local Wildfire Ecology in our Watershed

Friday, October 26th

Time: 9am-3pm

Join Siskiyou Chapter of the Native Plant Society of Oregon and KS Wild for a loop hike around Grizzly Peak with fire ecologist, Dennis Odion, to observe the necessary impacts wildfire has in our local watershed. We'll examine wildflowers and soak up the views of Mt. Shasta, Pilot Rock, Mt. Ashland. Carpool from NW Nature Shop at 8:45am or meet at the Grizzly Peak Trailhead at 9am. For more information or to sign up please contact Katelyn Detweiler at Detweiler.katelyn@gmail.com.

Umpqua Valley

Visit umpquavalleynativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-643-0364.

Willamette Valley

For program information, contact John Savage at 503-779-5414, john@straubcenter.org.

Saturday, October 20, 9:00 a.m. - 5 p.m.

Field Trip: Pamela Lake Mushroom Hike

Join Straub Outdoors educators and members of the Willamette Chapter of the Native Plant Society of Oregon and the Willamette Valley Mushroom Society on an all-day hike to discover the mushrooms along the Pamela Lake Trail in the Mt. Jefferson Wilderness Area. This 4.5 mile out-and-back trail (with 800 feet of elevation gain) meanders along

picturesque Pamela Creek to Pamela Lake and features old-growth trees and plentiful woody tree conks (such as white speck, red belt, and quinine conks) and other fungi. Wear appropriate footgear and clothing. Bring sack lunch and water. Location: Meet in the parking lot at the Willamette Heritage Center at 9:00 a.m. Transportation will be provided to and from the trailhead. Cost: \$10. Space is limited to 10 participants, ages 12 and up. Pre-registration is required. Cash or check accepted. For more information and to register, call John Savage at 503-779-5414 or email him at john@straubcenter.org.

William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or susanmgeer@gmail.com. Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

OregonFlora



By: Dr. Linda K. Hardison
Director, [Oregon Flora Project](#)

There are many people who make up our OregonFlora team: volunteers, reviewers, data providers, staff, advisors, students... it's a long list! Each one contributes their portion to help achieve what none of us could accomplish alone. I am grateful for the help OregonFlora receives, from both the individuals we see almost daily, to those who support us in the background.

Stop by our offices in Corvallis, and you will find staff members Linda Hardison, Thea Jaster, and Stephen Meyers. Hard-working volunteers you're likely to find nearby include Dennis Albert, Jason Bradford, Kenton Chambers, Christian Feuillet, Richard Halse, and George Kral. Staff working remotely are Tanya Harvey, Katie Mitchell, and John Myers. Our advisory council is led by Lynda Boyer, Jason Bradford, Dan Luoma, Will McClatchey,

Joan Seevers, and Rob Soreng. We receive administrative help from the OSU Herbarium, the Dept. of Botany & Plant Pathology, and the Agricultural Research Foundation. And there are the many people across the state who assist in countless ways—hopefully this includes you!

If contributing to a program that brings accurate plant knowledge to a broad audience is on your bucket list, we welcome you. Your enthusiasm, expertise, and financial support help to make OregonFlora a valued resource for all. Contact Linda at hardisol@oregonstate.edu if you would like to become part of the OregonFlora team.

We gratefully accept your donations online (www.oregonflora.org/supportOFP.php) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include “OregonFlora” on the memo line.



Your employer may double your donation!

Thinking of contributing to the NPSO but want your money to go further? If you donate through [EarthShare Oregon](#), your employer may pitch in too! Your employer may match your donation (sometimes dollar-for-dollar.) That’s what these great companies have pledged to do:

American Express
Datalogic
Green Mountain Energy
Hewlett Packard
Iberdrola Renewables
Kaiser Permanente
McKenzie River Broadcasting
Moda Health
Mountain Rose Herbs
NW Natural
Organically Grown Co.
Portland General Electric

The Standard (double matches!)
Thermo-Fisher Scientific
Toyota Motor Sales
UnitedHealth Group
Vernier Software & Technology (by request)
Wal-Mart
Zimmer Gunsul Frasca

By giving through payroll contribution with EarthShare, you can spread your donation out over a year's time. No personal checks to write or credit card numbers to give out - the money is automatically donated from your regular paycheck, and the corporate match increases your gift.

To learn more about EarthShare Oregon and workplace giving campaigns, visit earthshare-oregon.org.



Website



Facebook

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Bulletin of the Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

November 2018

Volume 51, No. 9



IT'S RENEWAL TIME!

The NPSO membership year is January to December. Now is the time for members to renew for 2019. You will receive an email notice shortly if your membership needs renewal this fall. **We will send out an email message in the next few days to all of you whose membership is up for renewal this year.** This message will have links to renew online or by mail. We highly encourage you to renew online at that time as it would be a huge help to our volunteer membership coordinator.

It's also a great time to consider a tax-deductible contribution to our special funds. If possible, make a [donation online](#) (mail-in donations are also gratefully accepted). NPSO greatly appreciates your contributions to any of the following five funds:

- The Leighton Ho Memorial Award is used for research projects in western Oregon
- The Rare and Endangered Plant Fund supports work with our most threatened plants
- The Augusta Rockafellar and Jean Davis Memorial Scholarships are awarded annually to a botany student at an Oregon college or university
- You can also include a contribution to [OregonFlora](#)

Now on to the eBulletin! As a reminder, if you prefer to read a hard copy, you can click on the link at the top of this email that says "view this email in your browser," and then "print" this e-newsletter as a PDF. If you have any questions, please contact us at bulletin@npsoregon.org.

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NPAW Poster Contest

**Don't forget to submit your photos for the
2019 Native Plant Appreciation Week Poster Contest!!**

Summer's over, but remember all those great photos you took of native plants in Oregon this spring and summer - or maybe even last winter or fall? Now that you're probably spending more time indoors, you could take this opportunity to select the best of your photos and submit them for the Native Plant Appreciation Week Poster Contest.

As NPSO is transitioning to a new website, we are trying a new procedure for photo submission (borrowed from WNPS): email. Entries must be emailed to npawphotos@npsoregon.org. Each person may enter two photos of Oregon native plants (photographed in Oregon with photographer name, scientific name, common name, photo location, and photo date). **All entries must be received by December 15, 2018.**

Photos will be rated and selected by the poster committee based on subject matter, composition, and technical excellence. The poster designer has sole discretion of not using an image should it not work into the overall layout or is deemed to not be of

satisfactory quality. The selected photographer(s) must be able to provide a high-resolution and preferably unedited image (at least 300 dpi) version of the image and must allow NPSO to reproduce the image free of charge for our poster, website, and related publicity material. If you have any questions, please email them to npawphotos@npsoregon.org.

State & Chapter Notes

State Notes/Announcements:

State Board Meeting - the next State Board Meeting is scheduled for January.

Membership News - We are in the process of changing our membership management program. Since 2003, we have tracked all your address changes and membership renewals on a wonderful Microsoft Access database created by Clay Gauthier. We currently have over 700 members!

Our new system, on Paid Membership Pro, will be accessible from our new website, and will offer you the opportunity to maintain your own membership profile. Stay tuned for more information.

In the meantime, please share this information: if you know of any members who have not received this November e-Bulletin, it may be because we do not have their email address. Have them contact membership@npsoregon.org.

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### **Chapter Notes:**

#### **Blue Mountain**

For information on Blue Mountain Chapter, call Jerry Baker, 541-566-2244. To get on our email list, contact [flora.id@wtechlink.us](mailto:flora.id@wtechlink.us).

#### **Cheahmill**

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President, Jeanie Taylor, at [jeanie@fastmail.com](mailto:jeanie@fastmail.com).

Meeting and work party location: Carnegie Room, McMinnville Public Library, [225 NW Adams St.](#) (corner of Highway 99W and SW Second St.), McMinnville. The library parking lot may be entered from either Adams or Second streets.

**November 15th, Thursday, 6:45 to 8:45pm**

**Program: Connecting Community and Partners with Seed Conservation and Restoration**

Marsha Holt-Kingsley, Native Plant Materials Scientist from Metro's Native Plant Center will discuss their work on using plant material from the wild to support restoration efforts at regional parks and natural areas. Location: McMinnville Public Library, see above for details.

**November 17th, Saturday, 10 to noon**

**Work Party: Native Plant Garden at McMinnville Public Library**

Spend a couple hours between 10 and noon with a congenial crew and get to know native plants with our new green plant markers. Learn how the beauty, diversity and educational value of this mature demonstration garden is maintained with a minimum of effort. Bring gloves, bucket and gardening tools if you have them. For more information, contact Catie Anderson at [catie.fishback@gmail.com](mailto:catie.fishback@gmail.com) or 503-435-2401.

**Corvallis**

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org). Find us on Facebook at [facebook.com/CorvallisNPSO](https://facebook.com/CorvallisNPSO).

**November 4, Sunday, 8am-4pm**

**Field Trip: Fungi Collection.**

Wear weather appropriate clothing and bring a lunch and water. You will also need waxed paper or paper sandwich bags to hold the fungi, maybe a basket. Location: meet at the OSU Wilkinson Hall parking lot on the SW corner of 26th and Monroe, across from the Monroe Beanery at 8am. For information, contact field trip leaders: Amy Rossman, [amydianer@yahoo.com](mailto:amydianer@yahoo.com), or Michele Wiseman, [mswiseman@gmail.com](mailto:mswiseman@gmail.com).

**November 12, Monday, 7:30 pm**

**Program: "Training the next generation: IAE's internship program."**

Matt Bahm of the Institute of Applied Ecology will present on the IAE internship program (to which Corvallis NPSO has contributed). He says, "each year, the Institute for Applied Ecology hires 3-10 interns as part of our Conservation Research Program. Our interns are given the opportunity to work on rare plant and habitat projects throughout Oregon, gaining exposure to many unique ecosystems, plants, and sampling methodologies, preparing them for future opportunities in ecological fields of inquiry." Location: Room 2087, Cordley Hall, OSU. For information, contact Judi, [judi.sanders@gmail.com](mailto:judi.sanders@gmail.com).

**December 17, Monday, 6:30 pm**

**Program: Winter Celebration and Slide Show**

Bring a snack to share as we socialize. Bring up to 15 slides to show and plan to limit sharing to ten minutes. Location: home of Loren Russell, 3420 SW Willamette Ave., Corvallis. For information contact Judi, [judi.sanders@gmail.com](mailto:judi.sanders@gmail.com).

**January 14, Monday, 7:30**

**Program: "An herbivore's dilemma? The scorpionfly Caurinus and its taste for liverworts"**

Presented by Loren Russell. Caurinus (Mecoptera: Boreidae, 2 described species in coastal forest from Cape Perpetua OR to Sitka AK) are minute, flightless, and extremely isolated taxonomically. Caurinus feed exclusively as adults and larvae on some, but not all, leafy liverworts (Jungermanniales and Porellales), presenting an interesting case of host/predator coevolution. Location: Room 2087, Cordley Hall, OSU. For information, contact Judi, judi.sanders@gmail.com.

### **Emerald**

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

**Monday November 19th, 7:00pm**

**Amazon Community Center at 2700 Hilyard St, Eugene**

**Southern Beech Forests, Flowering Plants & Landscapes of Patagonia with Gail Baker**

The Patagonia region at the southernmost tip of South America is vast! Patagonia includes two countries, spans 14 degrees of latitude, is over 1551 miles long and is home to extensive ice fields and glaciers, jagged mountains and a giant extinct ground sloth. Its forests are dominated by deciduous beech trees, not conifers, and its plant communities are made up of a combination of species with relatives in Australia as well as the Americas. The Patagonian floral emblem is a close relative of Oregon's state flower, the Oregon grape. As we experience late fall in Eugene Patagonia is in the glow of late spring, join plant ecologist Gail Baker to travel to Los Glaciares and Torres Del Paine National Parks and view the forests, plants, animals, and mountains of this remote and magical region.

### **Filipendula**

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, [carlajeancole@gmail.com](mailto:carlajeancole@gmail.com).

### **High Desert**

For information, visit the High Desert Chapter website: [www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email [highdesertnps@gmail.com](mailto:highdesertnps@gmail.com).

### **Klamath Basin**

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com>.

## **Mid-Columbia**

For information on the Mid-Columbia Chapter, contact Sara Wu at [mc\\_president@NPSOregon.org](mailto:mc_president@NPSOregon.org).

## **Portland**

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hikes and other events as well as great plant pictures.

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7 pm. MEETING PLACE: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., Portland. We will meet in Copeland Commons; enter the church through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

**\*\*** The Portland Chapter would like to thank Don Jacobson for his production of The Calochortus. His countless volunteer hours have been greatly appreciated.

**\*\* The Portland Chapter is seeking a new chapter president.** The President shall preside at Chapter program meetings and Chapter Executive Committee (board) meetings, represent the Chapter at quarterly NPSO State Board meetings and other functions, appoint committee chairpersons, and perform additional functions as required. Average monthly time commitment: ~2-6 hours. If you're interested in learning more about a board position, please email [po\\_president@npsoregon.org](mailto:po_president@npsoregon.org).

### **November 8th, 7:00pm @ TaborSpace**

#### **Program: Plant Defenses of the Amazon Forest**

Georgia Sinimbu studied the evolutionary life of extrafloral nectaries in the Amazon Forest of Brazil, her homeland. Her incredible time among the biome and all it's living creatures will unfold ending up with her doctoral degree. She now lives in Portland where she's still cooling off.

### **December 13, 7:00pm @ TaborSpace**

#### **Members Holiday Slide Show**

The annual tradition lives on to gather during the winter to show personal slides from travels near and far. A fun way to get to know more of the Portland Chapter members with light refreshments brought from home.

## **Siskiyou**

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to [announce-join@siskiyou.npsoregon.org](mailto:announce-join@siskiyou.npsoregon.org). No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2018, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, [detweiler.katelyn@gmail.com](mailto:detweiler.katelyn@gmail.com). Join us on

Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>

**November 15th, 7:00pm**

**Program: En-lichen-ment**

Lichens are beautiful and curious organisms that provide many services to the greater community. Kristi Mergenthaler, botanist and Stewardship Director with Southern Oregon Land Conservancy, will share some lichen stories which could lead to your “enlichenment”. This talk is suitable for the general public. Refreshments at 6:45pm, meeting and program at 7:00pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Alexis at [alexislarsen1983@gmail.com](mailto:alexislarsen1983@gmail.com) or 860-878-2049.

### **Umpqua Valley**

Visit [umpquavalleynativeplants.com](http://umpquavalleynativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page, [www.facebook.com/UmpquaValleyNPSO](https://www.facebook.com/UmpquaValleyNPSO). Not online - call Donna Rawson 541-643-0364.

### **Willamette Valley**

For program information, contact John Savage at 503-779-5414, [john@straubcenter.org](mailto:john@straubcenter.org).

**Thursday, November 15, 6:00–7:00 p.m.**

**Program: Plant Stories that Connect Oregon and Ireland**

Join noted Irish illustrator, designer, and horticulturist Aislinn Adams as she traces the journey of a variety of plants, across several hundred years, to show how they found their way from the Pacific Northwest into gardens and forests of Great Britain and Ireland. Adams uses contemporary and historical botanical art to illustrate the plants’ evolving stories. Her illustrated talk also reveals intriguing socio-political links between Oregon and Ireland. Adams is currently working on a major project for the Friends of Silver Falls State Park to illustrate 30 plant species native to Oregon. Reception will follow. Location: Eco Hub, 1313 Mill Street SE, Salem. Cost: \$5 suggested donation at the door. No registration or RSVP is required. For more information, please contact John Savage at [john@straubcenter.org](mailto:john@straubcenter.org) or 503-779-5414.

### **William Cusick**

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or [susanmgeer@gmail.com](mailto:susanmgeer@gmail.com). Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.



By: Dr. Linda K. Hardison  
Director, [Oregon Flora Project](http://www.oregonflora.org)

OregonFlora is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, [www.oregonflora.org](http://www.oregonflora.org). Funding for the direct operating expenses of the OregonFlora program comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that keeps OregonFlora progressing, please contact us at [ofpflora@oregonflora.org](mailto:ofpflora@oregonflora.org), or phone 541-737-4338.

We gratefully accept your donations online ([www.oregonflora.org/supportOFP.php](http://www.oregonflora.org/supportOFP.php)) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OregonFlora" on the memo line.



**EarthShare:  
Supporting the cause of your choice  
has never been easier!**

How concerned are you about the quality of air you breathe or water you drink? What

about the natural areas you visit - would you like to visit them 10, 20 or 50 years from now? With so many threats to our natural environment, we count on conservation groups to protect our forests, farmland, streams and air quality. NPSO is a member of EarthShare Oregon, a nonprofit that makes it easy for employees across Oregon to support nearly more than 100 of the best environmental organizations here at home, and coast to coast.

If you work for the State of Oregon, Kaiser Permanente, NW Natural, PGE, or one of more than 100 employers ([earthshare-oregon.org/workplace-programs](http://earthshare-oregon.org/workplace-programs) to see the list), you can make one-time or regular donations from your paycheck - just by signing up once a year. It's simple and easy, and many employers match your gift.

Please contribute today through EarthShare to restore our forests, reduce landfill waste, develop clean energy, protect threatened land, and safeguard our streams. When you do, you're not only protecting Oregon's environmental legacy, you're inspiring others to share in that responsibility.

If your workplace does not offer EarthShare Oregon, establishing a partnership is easy. EarthShare staff will work with your employer to set up a program that meets your company's needs. To learn more about EarthShare Oregon and workplace giving campaigns, visit [earthshare-oregon.org](http://earthshare-oregon.org).



Website



Facebook

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## Bulletin of the Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of  
Oregon's native plants and habitats

December/January 2018

Volume 51, No. 10



Happy Holidays from NPSO!

It's time to renew your membership!!

Thank you for bearing with us as we transition to a new website and a new membership database. As is the case with many transitions like this, we are experiencing some hold ups and unfortunately our new membership database will not be up and running in time for this year's membership renewal process.

With that being said, [to renew your membership for 2019, please visit our current website](#). You can [renew online](#), or you can print out a [renewal form](#) and send it in with your payment. General membership information is included below...

Member Categories and Information:

Regular - \$25

Student - \$12

Family - \$35

Sustaining - \$60

Patron - \$125

Life Membership - \$500

Subscription Only - \$25

(Subscription Only, for the Bulletin and Kalmiopsis, is for individuals or institutions that wish to subscribe but do not need to have full membership status.)

**\*\* Dues include the NPSO Bulletin (10 issues/year) & Kalmiopsis (usually once per year). Membership is for the calendar year. **New memberships enrolled on or after July 1 include the following year.****

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It's also a great time to consider a tax-deductible contribution to our special funds. If possible, make a [donation online](#) (mail-in donations are also gratefully accepted - PO Box 902 Eugene, OR 97440). NPSO greatly appreciates your contributions to any of the following five funds:

- The Leighton Ho Memorial Award is used for research projects in western Oregon
- The Rare and Endangered Plant Fund supports work with our most threatened plants
- The Augusta Rockafellar and Jean Davis Memorial Scholarships are awarded annually to a botany student at an Oregon college or university
- You can also include a contribution to [OregonFlora](#)

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Now on to the eBulletin! As a reminder, if you prefer to read a hard copy, you can click on the link at the top of this email that says "view this email in your

browser," and then "print" this e-newsletter as a PDF.

Lastly, when NPSO changed to emailing the Bulletin in place of paper Bulletins through the Post Office, we did not have emails for all members. We still don't, even though we have been working diligently toward that goal. If you know any members who have not been receiving the eBulletin, please forward it to them and encourage them to send their current email address to the membership chair ([membership@NPSOregon.org](mailto:membership@NPSOregon.org)). Also, feel free to forward to anyone you'd like to invite to become a member, or if you buy a gift membership for a friend.

If you have any questions, please contact us at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

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- [NPAW Poster Contest](#)
- [Save the Date - 2019 Annual Meeting](#)
- [State/Chapter Notes](#)
- [OregonFlora](#)
- [EarthShare](#)

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## **[Botrychium Palooza on the Deschutes National Forest](#)**

**by Christina Veverka, Crescent District Botanist**

This past summer, seventeen volunteers from the High Desert Chapter assisted with critical monitoring efforts on the Deschutes National Forest for the rare and endemic pumice moonwort (*Botrychium pumicola*), a primitive fern in the Ophioglossaceae family. Working with Crescent District Botanist Christina Veverka and BLM Botanist Sarah Canham, volunteers revisited known sites on Forest Service, BLM, and Oregon State Lands to count the number of individual moonwort plants. This proved to be a botanical treasure hunt, with volunteers searching through bunchgrass and under bitterbrush and other shrubs, marking each diminutive moonwort with a colorful pin flag. Considering the sheer number of moonwort plants at key monitoring sites, the concentrated survey effort by the volunteers was crucial in obtaining accurate population counts. During four days of field work, over 3,000 plants were flagged and counted.



District Botanist Charmane Powers directed additional



onal monitoring efforts on the neighboring Bend/Ft. Rock District (BFR) of the Deschutes National Forest. Forest botanists and NPSO volunteers visited pumice moonwort populations that hadn't been monitored in 15 to 20 years. Most of these sites were in the Newberry pumice airfall deposit zone, which lies east of Newberry Caldera. Four of these Newberry pumice sites are faring nearly as well as when they were first discovered; at the other four sites, volunteers found none or only a few moonworts. Those sites were apparently too overgrown with young lodgepole pine trees to support healthy moonwort populations. Waning population trends are similar to the BFR moonwort sites farther south, in the Mazama pumice airfall deposit zone. Charmane Powers is working with soil scientists to investigate whether soil type plays a role in habitat suitability for pumice moonwort.



Forest Service and BLM botanists will use this monitoring data to prescribe management actions needed to sustain pumice moonwort populations on public lands. While population numbers appear to be stable in alpine areas (Three Sisters Wilderness, Newberry Crater, and Crater Lake) and in sites under the powerline corridor, current evidence suggests that populations within montane forested areas have decreased dramatically since the 1990s, when pumice moonwort sites were first documented on the Deschutes National Forest. Climate change and lodgepole encroachment are suspected to be major factors in the decline.



Photo credits: all photos by Christina Veverka except the moonwort closeup by Keir Morse.

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## NPAW Poster Contest

**Just a few more days to submit your photos for the  
2019 Native Plant Appreciation Week Poster Contest!!**

Time is running out to submit your photos for the 2019 Native Plant Appreciation Week Poster contest. **The deadline is Dec. 15th!**

As NPSO is transitioning to a new website, we are trying a new procedure for photo submission (borrowed from WNPS), email. Entries must be emailed to [npawphotos@npsoregon.org](mailto:npawphotos@npsoregon.org).

- Each person may enter two photos of Oregon native plants (photographed in Oregon with photographer name, scientific name, common name, photo location, and photo date).
- All entries must be received by December 15, 2018.
- Photos will be rated and selected by the poster committee based on subject matter, composition, and technical excellence.
- The poster designer has sole discretion of not using an image should it not work into the overall layout or is deemed to not be of satisfactory quality.
- The selected photographer(s) must be able to provide a high-resolution and preferably unedited image (at least 300 dpi) version of the image and must allow NPSO to reproduce the image free of charge for our poster, website, and related publicity material.

If you have any questions, please email them to: [npawphotos@npsoregon.org](mailto:npawphotos@npsoregon.org).

You can see photos that have already been submitted by [clicking here](#).

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## Save the Date - 2019 Annual Meeting

**The 2019 Annual State NPSO Meeting will be  
July 12-14th at Forestfarm at Pacifica in Williams**



The Siskiyou Chapter is excited to host the Annual Meeting - the Native Plant Society of Oregon's annual conference - showcasing the spectacular plants of the glorious Siskiyou Mountains in the Applegate Valley. Registration will begin around April, 2019 and is open to all NPSO members. This special event includes programs, hikes, vendors of products related to native plants, local food and wine, and social time. We will be based at Pacifica in Williams.

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## State & Chapter Notes

### **State Notes/Announcements:**

**State Board Meeting** - the next State Board Meeting is scheduled for January 19th from 10am-2pm at Lane Community College, Science Building #16 Room 115.

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Chapter Notes:

Blue Mountain

For information on Blue Mountain Chapter, call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@wtechlink.us.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President, Jeanie Taylor, at jeanie@fastmail.com.

Meeting and work party location: Carnegie Room, McMinnville Public Library, [225 NW Adams St.](#) (corner of Highway 99W and SW Second St.), McMinnville. The library parking lot may be entered from either Adams or Second streets. Meetings start at 7 pm. Doors open at 6:45 pm for socializing.

December 29, Saturday, 10am-12pm

Work Party: Native Plant Garden at McMinnville Public Library

Spend a couple hours between 10 and noon with a congenial crew and get to know native plants with our new green plant markers. Learn how the beauty, diversity and educational value of this mature demonstration garden is maintained with a minimum of effort. Bring gloves, bucket and gardening tools if you have them. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

January 24, Thursday, 6:45-8:45pm

Program: Shawash Kagwe -The Indian Way of Doing Things: Native American tools for managing the Willamette Valley

Please join David Harrelson, Grand Ronde Cultural Resources Department Manager for this talk on native ethnobotany. Although native people have lived upon this land we call Oregon since time immemorial, the actions of Oregon's native people on our region's environment and landscapes has historically been overlooked and even denied. Concepts such as Wilderness, Pristine Landscapes, and Old Growth leave little room for the story of continued and systematic human intervention upon the landscape for centuries by native people. Meetings start at 7 pm. Doors open at 6:45 pm for socializing. Location: McMinnville Public Library, see above for details.

January 26, Saturday, 10am-12pm

Work Party: Native Plant Garden at McMinnville Public Library

Spend a couple hours between 10 and noon with a congenial crew and get to know native plants with our new green plant markers. Learn how the beauty, diversity and educational value of this mature demonstration garden is maintained with a minimum of effort. Bring gloves, bucket and gardening tools if you have them. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

February 28, Thursday, 6:45-8:45pm

Program: Exploring the Natural History of Hawaii

Join us for an overview of this island chain's rapid evolution in isolation, which provides a natural lab for evolutionary ecology of flora and fauna. Speaker entomologist Dr. Frank Howarth, while on the staff of the Bishop Museum in Honolulu, researched the native insects and other plants and animals that adapted to the many different environments in Hawaii, especially caves and new lava flows. The show will also highlight examples of the spectacular adaptive radiations within the flora and fauna of Hawaii including the iconic lobelias and tarweeds.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact co_president@NPSOregon.org. Find us on Facebook at facebook.com/CorvallisNPSO.

December 17, Monday, 6:30pm

Program: Winter Celebration and Slide Show

Bring a snack to share as we socialize. Bring up to 15 slides to show and plan to limit sharing to ten minutes. Location: home of Loren Russell, 3420 SW Willamette Ave., Corvallis. For information contact Judi, judi.sanders@gmail.com.

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Program: "An herbivore's dilemma? The scorpionfly Caurinus and its taste for liverworts"

Presented by Loren Russell. Caurinus (Mecoptera: Boreidae, 2 described species in coastal forest from Cape Perpetua OR to Sitka AK) are minute, flightless, and extremely isolated taxonomically. Caurinus feed exclusively as adults and larvae on some, but not all, leafy liverworts (Jungermanniales and Porellales), presenting an interesting case of host/predator coevolution. Location: Room 2087, Cordley Hall, OSU. For information, contact Judi, judi.sanders@gmail.com.

February 11, Monday, 7:30pm

OSU Botany and Plant Pathology graduate student Katarina Lunde will discuss her research project on *Senecio triangularis* and the Cinnabar Moth (directed by Dr. Peter McEvoy).

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

December 17th, Monday, 7:00pm

Amazon Community Center at 2700 Hilyard St, Eugene

Bring 10 to 12 digital photos and a snack to share if you wish. This is a great opportunity to socialize with others who share your interest in native plants. You can talk about all of the interesting things that you have done in the past year.

January 21st, Monday, 7:00pm

Amazon Community Center at 2700 Hilyard St, Eugene

“Fun and Learning about Plants through their Scientific Names” with Roger Brewer

What can we learn from plant’s scientific names? We’ll see how available resources can help us make sense of the names, see what the names can teach us about the plants, enjoy photos of beautiful plants, learn some Latin, and have fun.

February 18th, Monday, 7:00pm

Amazon Community Center at 2700 Hilyard St, Eugene

“Wildflowers of the Northern Arizona Mountains”

Dan Luoma and Joyce Eberhart will share their botanical exploration of the mountains of Northern Arizona; including Boynton Canyon, Secret Mountain, and the San Francisco Peaks. Northern Arizona is well known for the stunning summer wildflowers that emerge in response to the monsoon rains. Please join us for this sampling of the plant geography of a highly diverse region.

Filipendula

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, carlajeancole@gmail.com.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

The next meeting will be on **January 19**, at the downtown branch of the Deschutes Public Library and the topic will be introduction to botanical art.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com>.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

Portland

Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hikes and other events as well as great

plant pictures. All hikes and programs are also posted on our Meetup page: <https://www.meetup.com/NPSO-Portland/>

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December 13, 7:00pm @ TaborSpace

Members Holiday Slide Show

The annual tradition lives on to gather during the winter to show personal slides from travels near and far. A fun way to get to know more of the Portland Chapter members with light refreshments brought from home.

January 6, Sunday, 4:00-7:00pm

2019 Annual Hike Leaders Planning Meeting

Annually, a group of NPSO members meet early in the year to plan a month by month calendar of Hike locations the Portland Chapter will organize. The 2019 date is set for Sunday, January 6th from 4-7pm. The group will assign and send seasoned Hike Leaders out to the wilds with groups. Co leaders are also needed to be a "sweep" to bring up the rear and need not have botanical knowledge. The location is a member's home in SW Portland. If you are interested in becoming a Hike Leader/Co-Leader or have suggestions for an NPSO trip to a special place with abundant native plants, please send an email to the Portland Chapter VP of Field Trips, Willow Elliott at salixsky@hotmail.com.

January 10, 7:00pm

Program: Why are Grasses Relevant to Botanists?

A casual talk by a botanist, Rick Shory, who did surveys throughout the West to introduce the non-botanist to common grasses of the western U.S. and why we should appreciate the largest plant family and watch out for the non-native invasive species.

****** The January program meeting is also when members will vote on the slate of board candidates.

February 14, 7:00pm

Program: How Gardeners Can Help Save the World

An inspiring story from a super volunteer who saved an ivy choked forest from being logged, to stalking a rare aquatic plant on Sauvie Island. Jane Hartline, a long time advocate for native plant gardening will share how she rallied others to monitor, rehab,

and save areas of habitat critical to plants, amphibians and birds.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2018, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, detweiler.katelyn@gmail.com. Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>

December 13, Thursday, 6:00pm

Holiday Potluck: Photographing Native Plants in the Klamath

Kenneth DeCamp, professional botanical photography and amateur botanist, will present photographs of native plants found in different areas of the Klamaths. He will discuss visiting and revisiting the same areas throughout the blooming season and the surprising discoveries one might make. Feasting at 6pm, program at 7pm. Location: Talent Community Center, 206 E. Main, Talent. Please bring a potluck dish, table service (plate, silverware, glass, cup), and food donation for the Talent Food Project. Free and open to the public. For information contact Alexis at alexislarsen1983@gmail.com or 860-878-2049.

January 17, Thursday, 7:00pm

Program: SW Oregon Rare Plant Guide

A new updated SW Oregon Rare Plant Guide is now available through the BLM and USFS. Join the botanists who helped develop this new edition as they discuss an overview of the book project including a very short history of the earlier field guides, where the species list comes from, why the need for the field guide, and some of the production logistics of gathering photos and data. Location: This meeting will be held in Grants Pass. An update on the location will be sent through the Chapter eNews or contact Alexis at alexislarsen1983@gmail.com or 860-878-2049.

February 21, Thursday, 7:00pm

Program: Vesper Meadows: A Community Rewilding Project

Join Jeanine Moy, of the Vesper Meadows Restoration and Community Project as she discusses a community-powered ecological rewilding of a degrade wet meadow and upland habitat near Howard Prairie Reservoir. Jeanine will discuss how the property will be managed for imperiled species, native plants, and biodiversity. At both the Rogue and Klamath River headwaters, these 300+ acres are located in a prime site to showcase a unique ecological restoration site in this region. Refreshments at 6:45pm, meeting and program at 7:00pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Alexis at alexislarsen1983@gmail.com or 860-878-2049.

Umpqua Valley

Visit umpquavalleynativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-643-0364.

Willamette Valley

For program information, contact John Savage at 503-779-5414, john@straubcenter.org.

William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or susanmgeer@gmail.com. Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

OregonFlora



By: Dr. Linda K. Hardison
Director, [Oregon Flora Project](http://oregonflora.org)

OregonFlora is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, www.oregonflora.org. Funding for the direct operating expenses of the OregonFlora program comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that keeps OregonFlora progressing, please contact us at ofpflora@oregonflora.org, or phone 541-737-4338.

We gratefully accept your donations online (www.oregonflora.org/supportOFP.php) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OregonFlora" on the memo line.



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If you work for the State of Oregon, Kaiser Permanente, NW Natural, PGE, or one of more than 100 employers (earthshare-oregon.org/workplace-programs to see the list), you can make one-time or regular donations from your paycheck - just by signing up once a year. It's simple and easy, and many employers match your gift.

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